

AUTOMATED RESOURCE REQUIREMENTS STUDY

**AN ANALYSIS OF THE FUNCTIONAL REQUIREMENTS AND AUTOMATED
CAPABILITIES NEEDED FOR RESOURCE MANAGEMENT IN THE
BUREAU OF LAND MANAGEMENT**



**PREPARED BY:
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
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FINAL REPORT

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ACRONYMS AND ABBREVIATIONS

ADP	-	Automated Data Processing
AIRS	-	Automated Inspection Record System
ALMRS	-	Automated Land and Minerals Records System
AMP	-	Allotment Management Plan
AMS	-	American Management Systems, Inc.
APD	-	Application for Permit to Drill
ARC/INFO	-	A Proprietary GIS Software Package
ARRS	-	Automated Resource Requirements Study
BIFC	-	Boise Interagency Fire Center
BLM	-	U.S. Department of the Interior, Bureau of Land Management
CAD/CAM	-	Computer Aided Drafting/Computer Aided Manufacturing
COAR	-	Contracting Officer's Authorized Representative
CPU	-	Central Processing Unit
DBMS	-	Data Base Management System
DEM	-	Digital Elevation Model
DSC	-	Denver Service Center
FEDSIM	-	Federal Computer Performance Evaluation and Simulation Center
FLPMA	-	Federal Land Policy and Management Act
FMS	-	Financial Management System
FY	-	Fiscal Year
GIS	-	Geographic Information System
GPS	-	Geographic Positioning System
IHICS	-	Integrated Habitat Inventory and Classification System
KGS	-	Known Geologic Structure
LIS	-	Land Information System
MAPS	-	Map Analysis and Processing System
MIS	-	Management Information System
MOSS	-	Map Overlay and Statistical System
PI	-	Petroleum Information, Inc.
PLSS	-	Public Land Survey System
RA	-	Resource Area
RFP	-	Request for Proposal
RMAS	-	Range Management Automated Systems
RMP	-	Resource Management Plan
SCS	-	U.S. Department of Agriculture, Soil Conservation Service
SLMS	-	Solid Leasable Minerals System
USGS	-	U.S. Department of the Interior, Geological Survey
WO	-	Washington (D.C.) Office

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EXECUTIVE SUMMARY

This is the Final Report of the Automated Resource Requirements Study (ARRS). This document has been prepared as input into the Bureau's Automated Data Processing (ADP) Modernization Study, and describes the functional and automated needs of Bureau offices to perform existing and future resource management work.

The study was prepared by a team of BLM professionals and is intended to benefit Bureau resource managers and professionals by ultimately helping to provide the automated tools we need to better do our job. A Draft of the report was circulated for BLM review, and numerous comments were incorporated in the Final Report. This Final Report is the summary of the study and additional findings of the ARRS Team.

The report and the appendices have been prepared to fill a missing component in the Bureau's on-going ADP Modernization Study currently under contract to American Management Systems, Inc. (AMS). The administrative functions of BLM have already been addressed by AMS. The land and mineral records functions have been examined in the Automated Land and Minerals Records System (ALMRS) Feasibility Study. This report covers the major resource management functions of BLM.

The 15 members of the ARRS Team were a mixture of individuals with resource, management, and technical expertise drawn from all levels of the Bureau organization (see Chapter I.F). The study was conducted June through October 1986. The primary objectives were to identify the functional requirements and workload characteristics for automating the resource management workload of the Bureau and to provide AMS with sufficient data to prepare a benefit/cost analysis. AMS will use these data, merged with results of the studies for administrative and records functions to make recommendations on the configuration of the next generation of the Bureau's automated systems.

The data for this study were gathered from several sources. Interviews were conducted with resource specialists throughout BLM State, District, and Area offices. Workload statistics for FY 1985 were submitted by each State Office down to the Resource Area level. Projections of workload were also submitted by each state for FY 1996. Total numbers of personnel currently involved with resource management work in BLM were derived from Bureau personnel records as of June 1986.

Briefly, the study concludes that:

- o Many of the work tasks performed by resource specialists and managers can be assisted through automation. Some 30% of the total time spent by employees doing resource management work is potentially automatable.
- o Automated capabilities are needed in virtually every Bureau office, though the volume of the workload and the capabilities needed to address this work vary among offices.
- o The anticipated benefits that would accrue from providing automated capabilities for resource management work are significant. Time savings alone could save up to \$64,649,600 annually by the year 1996. Additional qualitative benefits could amount to some \$60,000,000 to \$180,000,000 annually in costs avoided.

Of the total Bureau population of approximately 10,000 employees, some 5,603 employees are currently involved in resource management work Bureauwide. Significant time is spent by these resource specialists performing administrative, records, public outreach, and other work that is not automatable. However, based on the interview data provided by the specialists in the field, a total of some 1,664 work years, or about 30% of their time, is spent annually performing resource work that is potentially automatable. This is based on work actually being accomplished and does not account for backlogs or work foregone due to shifting priorities.

The potentially automatable work years were divided among 13 separate work functions. These work functions are described in Chapter II, and the amount of time spent in each Bureau office performing these functions is shown in Appendix A, Spreadsheet A-2. These work functions were then translated into the automated capabilities needed in each office to perform the functions. Five capabilities were described: data entry, data manipulation, data analysis, data output, and data import/export. The 1,664 automatable work years were divided among these automated capabilities for each office (Spreadsheet A-2).

Finally, the benefits of acquiring these automated capabilities were examined. The Study Team described two major categories of benefits that could be realized by automation. We called these "readily quantifiable benefits," which deal with time savings, and "less quantifiable benefits," which include improved decision making capabilities and other qualitative advantages to automation.

Readily quantifiable benefits can be approximated by comparing the time differences in doing a job in a manual or partially automated mode with doing the same job in an automated environment. Readily quantifiable benefits were estimated for each BLM office and are expressed as time savings. Potential annual time savings of automation of the workload currently performed in resource management could range as high as 1,296 work years or some \$41.5 million dollars annually. The projected Bureauwide workload for 1996 is 8,485.5 work years of resource management work. This projection is based on how many work years would be required to accomplish anticipated workload increases using existing work methods. Up to 2,020 of those work years could

be saved if the automated capabilities described in this report were implemented. The use of automation would not actually result in reduction of the need for staff, but would allow for fewer additional staff to be hired to cover the increasing workload in the future. Even the projected workloads can not be fully covered through automation. However, automation would allow the redirection of resource specialists to resource-oriented tasks instead of the many time-consuming manual tasks they currently perform. This potential annual time-savings figure can be seen as the expected increase in productivity possible for BLM employees performing resource management functions if automation is fully implemented.

The less quantifiable benefits described in this study include both increased efficiency and improved effectiveness. Less quantifiable benefits may be accrued from decisions with greater accountability, timeliness, and the integration of resource data that can best occur with the use of automation. All of these factors will visibly increase the credibility of the BLM with the general public and with other land management agencies. Increasing efficiency means doing more work, faster work, or more timely work with more precision. Improved effectiveness relates to how well we do our job, or how successful and defensible our resource management decisions are. Perhaps the best measure of the success of our decisions is the amount of human, financial, and environmental resources which are spent defending those decisions. This expenditure for the BLM is significant, and is expected to increase in the coming years. It includes everything from staff work required to maintain and update inventories to the fiscal drain resulting from adverse litigation.

The less quantifiable benefits are difficult to estimate. The team has attempted to estimate some of these benefits Bureauwide in terms of cost avoidance, or expenses not incurred through use of automation. These benefits include the ability to analyze more alternatives during the decision-making process, the ability to analyze alternatives which are too complex for manual methods, the capability of sharing data and analysis within BLM and with other agencies, and the increased quality of planning and management decisions. The total estimated costs avoided in these less quantifiable or qualitative benefits could range from \$60,000,000 to \$180,000,000 annually by 1996.

There are many other less quantifiable benefits which are of prime importance to the Bureau. The study team felt uncomfortable in assigning values to some of these less quantifiable benefits. These are associated with better documented and defensible decisions. The ability to compare various, often conflicting, proposals for a parcel of land allows the manager to select the optimum use, or a combination of several alternatives which minimize conflicts while maximizing use of the land. These decisions result in a better public image for the BLM, fewer protests and less litigation, better sustained yields, and better compliance with the multiple use mandates of Federal Land Policy and Management Act (FLPMA) and other resource legislation. When decision makers are provided with better information derived in a highly accountable manner, the amount of time spent defending decisions can be redirected to more productive resource management tasks.

The decision to implement automated systems usually focuses on direct cost/benefit savings. However, truly successful implementation of automated systems will require consideration of several institutional issues. Among these are commitment of management, personnel expertise and training, accessibility and user friendliness of systems, standards for data exchange

which allow for analysis flexibility, physical accessibility of the systems, and procurement policies. These considerations may provide opportunities for smooth and successful implementation or, conversely, may prove to be roadblocks which contribute significantly to system failure.

Management commitment to the utilization of the technology to benefit the organization is the paramount factor in successful implementation. The challenge to Bureau management will be to translate their general support for automation into active efforts toward incorporating the benefits of automation into daily management activities. This is reflected by development of policies encouraging the use of technology at all levels of BLM management, and sufficient funding for operational implementation and continued support.

The data provided in this study are only part of the information which will be used by BLM managers to determine the priority for automation of BLM offices. Other important considerations are the unique characteristics of the resources being managed for each area, special interests of concern to the public and other agencies, and opportunities for sharing automated data and capability with other agencies or institutions. AMS will be providing recommendations to BLM on a configuration for automated systems which can incorporate requirements for most of the Bureau's automatable tasks. However, the decisions about where automated capability will be located and when it will be acquired will be ultimately made by BLM managers.

CHANGES BETWEEN THE DRAFT AND FINAL

Revisions were made to this final document as a result of incorporating changes suggested by the State Offices, BIFC, DSC, and WO during the review of the draft report. The significant revisions that were made are listed in this section. Many other changes were also made to help clarify the information presented or correct minor errors.

EXECUTIVE SUMMARY

The Executive Summary was expanded to include discussions of purpose, methodology, results, and conclusions; and to focus on the issues raised in the report that are of importance to BLM managers.

CHAPTER I: INTRODUCTION

1. An expanded discussion on the process used in data collection for the study and the Bureauwide extrapolation of interview data was added to this chapter.
2. Definitions of work task, work function, and automated capability are now provided.
3. A common concern of the reviewing offices was the impact of this and the AMS study on existing or proposed automation efforts. A discussion on bridging to the next generation of automation is included in Chapter I.
4. The scope was expanded to make clear that this study considers automation of alpha numeric as well as geographic information.
5. The assumptions were rewritten for clarity.

CHAPTER II: WORK FUNCTIONS AND AUTOMATED CAPABILITIES

1. A discussion of the work functions not analyzed in this study was added. These included text composition, budget, annual work flow spreadsheets, and others that are being analyzed in the office automation or administrative portion of the BLM ADP Modernization Study.

CHAPTER III: WORKLOAD

1. Flaws in the use of reportable units of accomplishments in calculating workloads, including the trend factors, are recognized and a Bureauwide trend factor was adopted for final calculations.
2. An explanation of how the workload data may be used is included.

CHAPTER IV: BENEFITS/COSTS

1. The term "cost-savings" was changed to "time-savings" throughout the document when referring to the readily quantifiable benefits.
2. The discussion of time-savings and what it means to BLM has been expanded.
3. Less quantifiable benefits were recalculated using revised Spreadsheets A-2 and C.
4. Figures IV-3 and IV-4 have been redone.
5. The example using digital elevation model as it relates to spatial data sharing on page IV-16 was revised.
6. The list of additional social benefits/revenues was expanded to note the importance of a consistent flow of revenues to local governments and the efficient use of professionals.
7. A table was added to the results in the COST CONSIDERATIONS section that shows current manual data entry costs and potential automation costs. These data were reformatted from Table V-1 of the Draft Report to clarify what the data costs were.

CHAPTER V: CONCLUSIONS

1. Table V-1 was changed. Additional discussions of the table were prepared.
2. References to program coordination percent were eliminated because of the difficulty in extracting the data.
3. Discussions were added stating BLM's expectations of automated systems to guide configuration recommendations in the AMS study.

APPENDICES

1. Spreadsheet A is not included in the Final Report.

Several errors in the original calculations were discovered in the review process. Attempts to correct these errors showed only minor differences in the calculation presented in the draft. Since the document was intended only to define the "ball park" of functional requirements and automatable capabilities for each office, and because of the law of compensating errors, it was determined that fully recalculating and publishing Spreadsheet A was unnecessary. The data provided in Spreadsheet A stands as published in the draft until such time that BLM needs in looking at individual office systems purchases.

2. Spreadsheet A-2

- a. Data for Idaho offices ID-19 and ID-020 were combined.
- b. Function 15 was eliminated from Alaska data.
- c. The zero value for data entry in CA-056 was corrected.

3. Spreadsheet B was not included in the Final Report.

a. Workload trends varied so much in Spreadsheet B that the study group decided to use the ALMRS figure of 3.5 percent annual increase compounded. This comes to a 1.41 trend factor for 10 years. The exception is Alaska where resource workload is expected to increase dramatically once land conveyance work is complete. A trend factor of 2.5 (9.5% annual increase compounded) is used for Alaska.

b. Workloads for individual offices will have to be looked at as systems are configured.

4. Spreadsheet C.

- a. Revised trend factors were used in final calculations.
- b. Changes made in Spreadsheet A-2 were carried into Spreadsheet C.

5. Explanations of spreadsheets were rewritten as appropriate.

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Chapter I: INTRODUCTION

1. PURPOSE OF THE STUDY

The Automated Resource Requirements Study (ARRS) examined the automatable resource management functions performed by the BLM, and identified the capabilities required by each office to automate those functions. The results of this study will be incorporated into the Bureau's Automated Data Processing (ADP) Modernization Study, currently under contract to American Management Systems, Inc. (AMS). The Modernization Study will recommend an agencywide configuration management plans and will define the technical requirements for a Request for Proposal (RFP) for new ADP hardware, software, and data communications needed to meet all BLM automated requirements.

This study was designed to provide very generalized descriptions and estimates of work functions, workloads, automated capabilities, typical cost considerations and benefits anticipated with the automation of common BLM resource management functions. Information presented in this document is intended primarily for use in the ADP Modernization Study and should not be used to justify or prioritize funding requests or allocations for automated capabilities until it has been integrated with similar data for records and administrative functions by AMS.

2. SCOPE

The ARRS focuses entirely on BLM resource management functions that are appropriate for automation. Examples of "resource management" functions include activities such as calculating timber volumes, estimating forage utilization, and measuring recreation impacts--all of which relate directly to the management and use of natural resources. "Appropriate for automation" means that automation would be beneficial to the Bureau in terms of saving time and money, improving accessibility to data, or in other documentable ways related to improving resource management and decision making.

This includes both the spatial analysis and graphics component of resource management work (commonly referred to as Geographic Information Systems or GIS), as well as the alphanumeric data storage and retrieval capabilities currently being performed on a variety of resource-specific systems. The linkage of the alphanumeric data files and analytical capabilities -- all of which are tied to some geographic reference (lease, allotment, habitat, well, etc.) -- to the GIS analytical capabilities, is critical to performing resource management work. Therefore, the spatial and alphanumeric resource management functions and capabilities have been examined together in this study.

The ARRS does not consider BLM land and mineral records functions, which have been analyzed in the Automated Land and Mineral Records System (ALMRS) Feasibility Study and in an ongoing study of the Alaska Automated Land Record System, which includes Alaska's survey plat production. It also does not consider administrative functions, which have been addressed by AMS in the ADP Modernization Study. It also does not address automated data-gathering techniques (such as remote sensing, geographic positioning for cadastral survey, etc.), but instead focuses on the entry, storage, and use of resource data gathered by all methods.

The level of detail of the ARRS is tied to the level of analysis required for the ADP Modernization Study. Generalized resource management work functions performed by the BLM are described. Work functions appropriate for automation, based on cost-effectiveness and expected benefits, are translated into generalized automated capability requirements. Data describing work functions were obtained from many BLM offices through an extensive interview process and then extrapolated across all offices down to the Resource Area level at a very gross scale. Current and anticipated workloads were provided by each state, frequently requiring rough estimates in assigning units down to the Resource Area level.

3. ASSUMPTIONS

The overall framework for this study assumes that resource management work functions performed by BLM employees that are appropriate for automation can be identified and translated into automated capability requirements. In addition, the following other assumptions were made relating to the scope and methodology of this study:

- o Work performed by BLM employees currently is work that they should be doing.
- o The amount of work performed by BLM will increase in the future. The nature of that work will probably change, but will be similar to the kinds of work BLM currently performs. How we accomplish that workload will likely change significantly over the next 10 years.
- o The current BLM organization, including office locations and general distribution of work functions, will remain unchanged.
- o The work performed by a resource specialist in a given field office is roughly the same work performed by similar resource specialists in similar field offices with similar program priorities.
- o The potential benefits associated with automating BLM resource work functions can be described and projected for each field office at a very general level.
- o The degree or percentage to which various BLM resource work functions are potentially automatable can be grossly estimated.

- o The study team attempted to be conservative in making all estimates. Throughout the study, where there was room for estimation, the study team opted to describe fewer users, lesser benefits, or lower percentage of potentially automatable functions.

4. METHODOLOGY

The ARRS was designed with four basic steps, each step consisting of a number of tasks. The project began June 11-12, 1986, in Denver, with a meeting of several key participants that began project scoping. Figure I-1 summarizes the project's steps and tasks and shows the relationships of the various tasks to each other. The dates shown are the completion dates for each task. A description of steps and tasks is given below. Refer to the Methodology sections in Chapters II through IV for more detailed descriptions of the process used in the study.

A. Step A - Project Initiation.

(1) Study team members were identified and commitments of time, workmonths, and travel funds were obtained.

(2) Existing information was reviewed to help define the scope of the project and identify any additional data needs. Sources included the BLM budget, the 1976 Strategic Plan (especially the functional requirements identified), the ALMRS Feasibility Study, the ADP Modernization Study functional requirements, Public Land Statistics, Draft GIS Implementation Plan, GIS Concept Document, and State GIS Implementation Plans.

(3) Desired end and interim products of the study were defined, including expected levels of detail, topics to be covered, information needed, key analysis areas, techniques of documentation, and examples.

(4) A data collection strategy was developed addressing information to be requested from the States, data formats, other data sources, general approaches to interviews and data gathering (surveys, sample size, questions to ask, how to extrapolate, etc.), and other guidelines. Key elements of the data collection strategy are discussed below.

(a) Identification of Potential Users. Based on the collective knowledge and experience of the study team, the universe of BLM employees to be sampled through the interview process was narrowed down to those GS and GM job series considered most likely to perform work functions directly related to resource management (see Table I-1).

These 73 series represent a total of 5,603.5 positions or potential users Bureauwide. (The total number of potential users for each BLM office included in the study are displayed in Table V-1, in Chapter V.) Full-time/permanent employees were counted as 1.0 potential user. Part-time/permanent employees and full-time/temporary employees (excluding seasonals) were counted as 0.5 potential user. Hence, the fractional employee positions.

(b) Exclusion of Certain Offices. The general categories of work performed by BLM employees in the Washington Office, the Phoenix Training Center, and the Denver Service Center (excluding cartography, photogrammetry, remote sensing and resource support), were considered to be largely administrative, records-related, or to consist largely of support or coordination tasks not directly related to resource management. These offices were excluded from the study.

In addition, most categories of work performed by employees at the Boise Interagency Fire Center (BIFC) were found to be already automated. The remaining potential for automation at BIFC is primarily in non-resource management areas such as maintaining equipment inventories and maintenance records, tracking personnel and equipment dispatches and maintaining personnel qualification records. Therefore, this office also was excluded from the study after initial interviews indicated this high level of existing automation.

(5) A detailed project plan was prepared specifying schedules, review points, interim and final products, roles and responsibilities, and other project management features.

TABLE I-1

Potential Users: Occupational Series and Titles

<u>Series</u>	<u>Title</u>	<u>Series</u>	<u>Title</u>
0020	Community Planner	0480	[Gen. Fish & Wildlife]
0023	Outdoor Rec. Planner	0482	Fishery Biologist
0025	Park Manager	0486	Wildlife Biologist
0028	Environ. Protection Spec.	0499	Biological Sci. Student Trainee
0029	Environ. Protection Asst.	0801	[General Engineer]
0099	Student Trainee	0802	Engineering Technician
0101	Social Scientist	0807	Landscape Architect
0102	Social Science Technician	0808	Architect
0110	Economist	0809	Construction Controller
0150	Geographer	0810	Civil Engineer
0170	Historian	0817	Surveying Technician
0184	Sociologist	0818	Engineering Draftsman
0189	Recreation Assistant	0880	Mining Engineer
0190	Anthropologist	0881	Petroleum Engineer
0193	Archeologist	0890	Agricultural Engineer
0199	Social Science Stu. Trainee	0899	Engineering & Arch. Stu. Trainee
0301	[Miscellaneous]	0965	Land Law Examiner
0304	Information Receptionist	1020	Illustrator
0340	Program Manager	1084	Visual Information Specialist
0345	Program Analyst	1170	Realty Specialist
0346	Logistics Manager	1171	Appraiser
0391	Communications Manager	1301	[General Physical Scientist]
0393	Communications Specialist	1311	Physical Science Technician
0401	[General Bio. Scientist]	1313	Geophysicist
0404	Biological Technician	1315	Hydrologist
0408	Ecologist	1316	Hydrologic Technician
0430	Botanist	1320	Chemist
0437	Horticulturalist	1350	Geologist
0454	Range Conservationist	1370	Cartographer
0455	Range Technician	1371	Cartographic Technician
0457	Soil Conservationist	1372	Geodesist
0459	Irrigation System Operator	1373	Land Surveyor
0460	Forester	1399	Phys. Sci. Student Trainee
0462	Forestry Technician	1515	Operations Research Analyst
0470	Soil Scientist	1530	Statistician
0471	Agronomist	1531	Statistical Assistant
		1811	Criminal Investigator.

B. Step B - Data Collection.

(1) A memorandum from the Assistant Director for Support Services was sent to State Directors outlining interview schedules, requesting workload estimates and projections, and providing the approved ARRS project plan (WO Instruction Memorandum Number 86-589, dated July 18, 1986).

(2) Test interviews were conducted at selected field offices by members of the ARRS core team. The results were used to refine the data collection strategy.

(3) Field interviews were conducted to gather data for use in estimating the amount of time spent by BLM employees performing resource-related work tasks and work functions. At the same time, managers were briefed on the ARRS project, and some managers were interviewed as a part of the data gathering process.

The offices that were interviewed and interviewees were selected based on the need to get as complete a snapshot of Bureau work as possible. The Bureau was divided into broad geographic areas with similar resource bases and program priorities. Field offices were selected to conduct interviews at all organizational levels within each of these areas. The data obtained from each interview was then extrapolated to similar positions within each similar geographic area.

A total of 225 employees in 49 offices were interviewed (Table I-2). These figures include only those interviews and offices which yielded quantitative information on work functions performed; it does not include management briefings, closeouts, or interviews conducted for qualitative or background purposes. The detailed results of these interviews have been documented and are on file with the Study Team. The results of the extrapolation of this interview data have been summarized and included in the analysis described in Chapter II, and are displayed in Appendix A of the draft report.

TABLE I-2

Interview Summary by Office Level

<u>State</u>	<u>Office Level</u>	<u>Total Number of Interviews</u>	<u>Number of Job Series Interviewed</u>
Alaska	District	5	5
	Resource Area	16	8
	Fire Service	3	1
Arizona	District	5	5
	Resource Area	13	8
California	District	17	12
	Resource Area	17	10
Denver SC	All	6	5
Eastern	State	2	2
	District	9	7
Idaho	District	2	2
	Resource Area	9	6
Montana	Resource Area	8	7
Nevada	District	18	11
	Resource Area	10	7
New Mexico	State	9	7
	District	15	11
	Resource Area	12	7
Oregon	District	10	10
	Resource Area	9	5
Utah	District	2	2
	Resource Area	3	3
Wyoming	State	5	5
	District	13	11
	Resource Area	7	5
Total for all levels, all offices		225	30*

*Total number of different job series interviewed agencywide.

(4) As part of the interview process, the role of other organizations that impact BLM resource workload functions (State agencies, USFS, FWS, USGS, and others) was documented. The relationship of the resource work performed by BLM as it relates to other agencies is discussed in Chapter IV, Benefits/Costs.

(5) Team members worked with BLM State Offices to clarify workload data submitted, and tried to encourage submission of data in a consistent, usable format together with interview results.

(6) The final step was to list major resource-related work tasks performed by BLM employees, and the estimated time spent doing them. Work tasks are the resource or program-related jobs that each BLM employee performs in their day-to-day work. They are defined according to the discipline in which each specialist works. Only those work tasks that potentially have an automatable component were included at this point. These are the work tasks discussed in Chapter II, and shown in Spreadsheet A in Appendix A of the Draft Report.

C. Step C - Determine Required Automated Capabilities.

(1) Work tasks identified in Step B were sorted, eliminating those that clearly should or could not be automated or that clearly duplicated functions addressed in the ALMRS Feasibility Study or the AMS Functional Requirements document.

(2) The remaining work tasks were subdivided into common or similar work functions, regardless of program area where they were performed. Work functions are general categories of work required to perform a work task, regardless of the employee's discipline, office, geographic location or program area.

(3) Work functions were re-examined to sort out any that clearly should not be automated. The results are the 13 common work functions described in Chapter II. The work tasks and work functions were extrapolated throughout the Bureau at this point, including the information on time spent performing each function and each task, and the percent of each function that is potentially automatable. The results of this extrapolation are displayed in Spreadsheet A in the Draft Report.

(4) Work functions were then translated into automated capabilities. These common automated capabilities and the process used to arrive at them are described in Chapter II. Automated capabilities are the computer-based data processing capabilities currently available in proprietary and public domain hardware and software that are required to perform the work functions. The automated capabilities needed for each Bureau office are summarized in Spreadsheet A-2 in Appendix A.

(5) The benefits of automating the remaining work functions were estimated and the circumstances under which such benefits would accrue were identified (see Chapter IV). Work functions were again re-examined to sort out any that could not justifiably be automated.

(6) On September 10, 1986, the Land Information Subgroup of the Field Committee and other key players were briefed on the status of the project and on a number of interim products, including documented work functions, automated capabilities, and the benefits analysis process.

D. Step D - Workload Estimates and Final Report.

(1) The workload estimates that were submitted by each State Office were assembled and were included in Appendix B of the Draft Report. Current workload figures (units of accomplishment for FY 1985) were prepared for each office by subactivity and program element down to the resource area level.

(2) Future workload estimates were projected to FY 1996 for the units of accomplishment for each office. These projected workloads were also included in Appendix B of the Draft Report. Projected increases or decreases in workload were provided by each State Office. These increases/decreases were averaged for each office to project future anticipated workmonths needed to accomplish work. These averaged factors are indicated for each office in Appendix B of the Draft Report. Originally, the Study Team had hoped to correlate the workload estimates with the interview data to show functions required by unit of accomplishment. Because of the variations of the data submitted from the states, this did not prove feasible (see Chapter III). The report, then, relies heavily on the actual and extrapolated interview data to demonstrate where and what automated capabilities are needed.

(3) The key variables that each office used to project the increase or decrease in workload over the next 10 years were submitted by each State Office. These have been maintained in the form they were submitted and are on file with the Study Team.

(4) A draft report was the final deliverable for step D-4. Copies of the Draft Study Report and the Appendices, providing all the results and a description of the methodology used, were circulated to all State Offices, the DSC, BIFC, and the Washington Office. Each state scheduled a statewide review session, most of which included representatives from a variety of district and resource area offices. Representatives of the Study Team were available at each review session to answer questions and address concerns about the study.

As a result of the review comments, numerous changes were made to the report which are reflected in this document. These changes are described in the "Changes Between the Draft and Final" section immediately following the Executive Summary at the front of this document.

A copy of this Final Report was submitted to AMS on November 3, 1986.

E. Project Management.

The BLM's Land Information System (LIS) subgroup of the Field Committee served as a management review team for the ARRS Project. Members of the LIS Subgroup include Bob Moore (Director, DSC) and five Associate State Directors: Lynn Engdahl (NV), Marv LeNoue (MT), Monte Jordan (NM), Bill Eikenberry (WY), and Paul Vetterich (OR). The Denver Service Center, ALMRS/GIS Project Office (D-150) provided technical advice and administrative support for the study team. Key technical advisors included Brian Bernard, Bob Leopold, and Eric Strand.

Jim Parker (Assistant Director for Support Services) served as Project Director. John Singlaub (formerly WO Division of Planning and Environmental Coordination, now Area Manager, Grand Junction RA, CO) was the Study Team Leader. Other key advisors included Duane Sonnenburg (WO Land Information Systems Program Leader), Jack Webber (Chief, Division of Information Resource Management and COAR on the ADP Modernization Study), Charlie Grymes (WO ALMRS/GIS Liaison), and Berny Hostrup (Chief, Division of Cadastral Survey).

F. Study Team

The study team was selected to represent a wide range of resource interests, geographic differences and technical expertise. Team members were mostly from Resource Area and District Offices with some State Office, DSC and Washington Office representatives. Team members are as follows:

Bob Ader, Chief, Branch of GIS Implementation, Service Center
Mike Dwyer, GIS Coordinator, Colorado State Office
Jim Gazewood, Petroleum Engineer, Casper District Office, WY
Ed Katlas, Associate District Manager, Ukiah District Office, CA
Bruce Keating, GIS Coordinator, Wyoming State Office
Dan Lechefsky, Land Use Specialist, Butte District Office, MT
Fred Martinson, Operations Research Analyst, Service Center
Sam Montgomery, RMP Team Leader, Baker Resource Area, OR
Ron Ray, Landscape Architect, Arizona Strip District Office, AZ
Linda Rundell, Assistant Area Manager, Carlsbad Resource Area, NM
Ron Sadler, Assistant District Manager, Coos Bay District Office, OR
John Singlaub, Area Manager, Grand Junction Resource Area, CO
Duane Sonnenburg, Program Analyst, Washington Office
Page Spencer, GIS Coordinator, Alaska State Office
Bill Yeager, GIS Coordinator, Idaho State Office

5. EXISTING AUTOMATED SYSTEMS

A. Baseline.

Resource specialists and support personnel in BLM currently use a wide range of automated tools to assist them in their jobs. The applications systems and current hardware inventory in the Bureau have been described in Task 2 of the ADP Modernization Study, "Existing Capabilities," prepared by AMS. It is clear from that document that BLM has a wide variety of systems in use and available for use by resource specialists. These systems vary in age, utility and applications potential.

Access to these systems also varies widely by office. Some office locations have no access to any automated systems at all, while others are almost fully automated. Some resource specialists make full use of all automated tools available to them, while others avoid them like the plague. The ARRS Team interviewed resource personnel in both situations and some in between. The result is a description of time spent performing functions that are fully automated, partially automated, and not automated. Starting from this irregular baseline as our existing system compounds the difficulties in assessing time savings and other benefits.

Most of the existing systems used by BLM handle alphanumeric data. On-going efforts to expand GIS capabilities continue to grow as the Bureau continues to acquire hardware to handle increasing GIS demand. All of these systems should be maintained and the capabilities retained as our current or "bridge" system. We do not anticipate acquiring new hardware or software systems for the new Bureau configuration defined in the ADP Modernization Study for several more years, and when we can begin implementing the new system, it will likely be at a gradual, incremental rate based on funding availability. Therefore, it is critical that BLM not sit and wait for this next generation of automated systems, but attempt to meet increasing demands the best we can with our existing systems.

The systems currently in use comprise the baseline automated capabilities of the Bureau, and will not be redescribed in this document. In developing a Configuration Management Plan for the Bureau, AMS must consider these existing systems and how to replace or integrate their capabilities into a modernized Bureau configuration.

B. The Bureau's Land Information System (LIS).

BLM is now working on linking all geographically referenced automated systems to common geographic coordinates (the Geographic Coordinate Data Base). This is called the LIS and is envisioned as an integrated, networked future BLM configuration for related information systems. This means that the Automated Land and Mineral Records System (ALMRS), GIS, and all other georeferenced alphanumeric data files shall be mutually accessible and usable through a data base management system. While ALMRS cannot truly be considered an existing system, the fact that ALMRS is currently being developed makes it all the more critical that compatible operating systems, applications software, data base management systems, data standards and formats be considered in configuring the LIS.

CHAPTER II: WORK FUNCTIONS AND AUTOMATED CAPABILITIES

1. DESCRIPTION

A. Work Functions.

BLM activities related to resource management are numerous and vary according to office, geographic region, program, and other factors. In order to provide a common framework upon which the amount and nature of resource management and related work can be estimated, a classification system was established. This system allows similar activities to be grouped under a single heading. For the purpose of this study, a system was established based on common work functions.

Work functions are general categories of work that classify the type of effort required to perform a task, independent of the employee's discipline, office, geographic location, or any other factors influencing variation of activities. Therefore, performing the same kind of work across disciplines can be classified under the same functional heading. For example, if areas are measured by a geologist for mineral assessment or by a forester for harvesting timber, the same function is performed. The work functions included on the list relate only to resource management activities and do not include categories for such activities as on-screen text composition, or spreadsheet applications to budgets. These activities, even though performed by resource managers and specialists, are considered either administrative functions or office automation and will be addressed separately by AMS in the ADP Modernization Study. Work functions related to resource management, as defined for this study, are described below.

(1) Locate Resources. This function includes all activities associated with researching, gathering, and assembling data and information. Activities such as ground surveys, photointerpretation, field transects, map and literature searches, and establishing locational descriptions are classified under this function.

(2) Map Resources. This function includes all of the activities associated with mapping information and verifying its accuracy thematically and geographically. Activities such as cartographic work, preparing overlays, and establishing horizontal and vertical control are classified under this function.

(3) Measure Resource Characteristics. This function includes all activities associated with estimating or calculating areas, distances, volumes, etc. for resources or facilities. Activities such as area calculations, volume calculations, and engineering computations are classified under this function.

(4) Identify Potential Resource Conflicts or High Interest Areas. This function includes activities associated with identifying potential resource conflicts and their locations as well as areas of high interest or concern. Identification is based on reference data, tabular information, maps, related policy guidance, or professional judgment from a variety of sources. Activities such as identifying priority areas for specific resource management activities, locating potential drainage cases, and identifying conflicts between proposed development activities and sensitive resource values are classified under this function.

(5) Map Potential Conflicts. This function includes activities associated with mapping and verifying resource conflicts and areas of high interest. Activities such as cartographic portrayals and displays are classified under this function.

(6) Measure Potential Conflicts. This function includes activities associated with measuring the characteristics of potential conflicts among land uses and areas of interest or concern. Activities such as area summaries, statistical calculations, and sampling are classified under this function.

(7) Identify the Best Location and Examine Alternatives. Activities associated with examining reference data, maps, regulations and policies to resolve and identify options for resource management decisions and selecting optimum solutions or preferred alternatives are classified under this function.

(8) Maintain and Update Resource Information. This function includes activities associated with maintaining and updating resource information. Activities such as editing tabular and graphic data bases and managing information are classified under this function.

(9) Store and Retrieve Resource Information. This function includes activities associated with designing, creating, and using data file and management systems. Activities such as setting up data base parameters, entering, sorting, and retrieving data according to specified criteria are classified under this function.

(10) Monitor Resources and Compliance. This function includes activities associated with monitoring the compliance of activities authorized by BLM and detecting changes in resource conditions or trends. Activities such as change detection and onsite reviews for compliance are classified under this function.

(11) Reformat Information. This function includes activities associated with changing the format or characteristics of data or information to make them more usable. Activities such as scale changes, projection transformations, legal descriptions to coordinate conversions, point-to-grid interpolation, contouring, and producing business graphics from tabular data are classified under this function.

(12) Distribute Information. This function includes activities associated with the duplication and distribution of information. Activities such as mailing, telecommunicating and copying resource data are grouped under this function.

(13) Drafting. This function includes activities associated with generating graphics and information, such as drawing designs from engineering specifications.

B. Automated Capabilities.

Once the work functions were classified, the automated capabilities (software and peripheral hardware) required to perform each function in a computer environment were identified. Automated capabilities are the computer-based data processing capabilities currently available in proprietary and public domain hardware and software. These were grouped into five categories, basically corresponding to the components of the general systems model (input, processing, and output) with slight modifications to accommodate the automated environment (dividing "processing" into manipulation and analysis and adding data transfer). Automated capabilities and their descriptions are listed below.

(1) Data Entry. Includes capabilities associated with capturing and storing alphanumeric and graphic information in a digital format. Examples of automation include digitizing, georeferencing, interactive drawing, and entering data onto a spreadsheet. This may be accomplished through key-entry, screen entry, table digitizing, optical scanning, or other procedures. Examples of manual methods include drafting, redrafting and placing Petroleum Information (PI) cards in files, plotting base data on existing maps, preparing forms for cultural site data or wildlife habitat, or noting locations of resource values in case files. This data entry capability refers only to data captured on the same system. Data captured elsewhere and transferred to the system are not considered data entry. This is addressed as a separate capability under the title, Data Import/Export.

(2) Data Manipulation. Includes capabilities associated with managing, sorting, retrieving, updating, and reformatting information. These capabilities can be used to sort data alphabetically, numerically, and chronologically; selectively retrieve data and files; reformat data to change scale, projection, data type, and units of measurement; and edit or update existing data. A specific example is accessing PI data to retrieve all information on producing oil and gas wells in the Frontier Formation drilled after 1980 and sorting the information from highest to lowest production level. Another example may be to aggregate existing soils data into a higher classification than the base data available.

(3) Data Analysis. Includes capabilities associated with statistics, mathematical calculations, measurements, interpolations, and identifying associations. Examples include measuring areas, volumes and distances, performing computations for engineering, identifying potential drainage situations, calculating the value of coal owned by the public but lying under private land, determining limits of the trap affecting KGS boundaries, estimating runoff and potential sedimentation, generating isopach data, and generating and evaluating management options.

(4) Data Output. Includes capabilities associated with displaying information on a computer screen or generating hardcopy products in a variety of formats. Formats consist of tables, graphics, charts, diagrams, drawings maps, narratives, texts, or descriptive statements. Examples include assembling and printing tables of information on oil wells or areas by vegetation type, displaying histograms or piecharts to graphically portray data, plotting Master Title Plats, and producing multicolored maps of land management alternatives.

(5) Data Import/Export. Includes capabilities associated with copying, transferring, and receiving information. Examples include reproducing maps, copying data to magnetic tape, and transferring data across telecommunication lines. Special hardware such as modems and tape drives and communications software such as Kermit are included.

2. METHODOLOGY

A. Work Functions.

To propose work functions prior to conducting field interviews, the study team examined a number of resource management and related tasks performed by field offices such as processing applications for permit to drill, KGS determinations, terrain analysis, coal leasing, activity planning, cartographic production, and resource management planning. The processes used to complete these tasks were examined on a step-by-step basis and 12 common work functions were extracted. A list with descriptions was provided to the interview teams to (1) verify the applicability of work functions and (2) provide a common framework for interviews. Interviews with field personnel supported the validity and utility of all original work functions and identified the need for one additional function (non-cartographic drafting), making the total 13.

As the field offices were interviewed, the actual work tasks performed by each employee that included a component which was potentially automatable were identified and documented. The individual work functions that made up these tasks (previously described) and the percent of the total task each work function comprised were all documented. The extent to which the work function was already automated in that particular interview office was also noted.

Some effort was made by the Study Team to "normalize" the results of the interviews so that the work functions and tasks described would reflect typical or normal work performed by individuals in similar offices at the same organizational level. The integrity of the original interview information was maintained except where the data were clearly unique to only one particular office and could not be extrapolated to any other office without suffering a

loss of validity. In some instances, these unique characteristics were not normalized, where it was felt that the work functions themselves adequately reflected typical work performed in similar offices at the same organizational level, and no better data were forthcoming.

These normalized results taken from the interview data were then extrapolated to similar employees in similar offices Bureauwide in order to give a snapshot of the kinds of automatable work functions that are performed in each office. The total number of work years spent performing these work functions were estimated for each normalized interview and multiplied by the number of employees in similar jobs within each office. This information was used to arrive at the total number of work years performed in a particular work function on a particular task by a particular kind of employee in each Bureau office. The results are discussed briefly at the end of this chapter, and portrayed in detail in Appendix A, Spreadsheet A in the Draft Report.

Similar work functions, regardless of who performs them, were then totalled for each office and are included in Appendix A, Spreadsheet A-2: Functions Summary and Automated Capabilities in this Final Report.

B. Automated Capabilities.

The five categories of automated capabilities were established based on the five general capabilities of all computer systems: data entry, manipulation, analysis, output, and import/export. Only applications software and specific kinds of hardware required by the software were included. The specific hardware included digitizing tablets, plotters, and tape drives. The requirements of a central processing unit (CPU) are not included because a CPU is required for all capabilities to varying degrees. The characteristics of a CPU depend on workload and numerous other factors that will be addressed by AMS in subsequent steps of the ADP Modernization Study. Additionally, it was assumed that all data processing would require the capability to handle alphanumeric data and graphic data. Alphanumeric data processing, therefore, was included in all categories of automated capabilities.

C. Relating Automated Capabilities to Work Functions.

The study team was composed of resource specialists with field experience in many work functions and specialists in automated systems. Based on their collective knowledge and experience, the group was able to identify the automated capabilities required for each function. Since work functions are oriented toward field tasks, more than one automated capability could be assigned to each function. In some cases, such as measuring resource characteristics and conflicts, the automated requirements are very similar. However, in other cases, such as distributing information and measuring conflicts, the required automated capabilities are quite different. Information gained from the interviews was also used to verify the relationships of automated capabilities to work functions.

Most work functions require more than one automated capability, and therefore the relative "amount" of each automated capability required to perform a single function also had to be estimated. For example, if a given work function requires three automated capabilities to be performed in a computer environment, the requirements for each automated capability may not be equal. For example, the function "Map Resource Characteristics" may require minimal capabilities for manipulation and output (10% each) and an 80% analysis capability. Without these capability-sizing factors, the requirements for automated capabilities by location would be based purely on presence or absence, amplified by workload. The estimated relative contribution of each automated capability to the various work functions has been estimated and is shown in Table II-1.

The capability sizing factors were determined after the field interviews were completed. The team used the interview data to assign the relative level of automated capability required for each function. Levels indicate the relative amount of effort needed from each capability to perform the function. Values for the levels were determined by estimating the percentage of work attributable to each capability. A discussion of how the percent contributions of automated capabilities were assigned to each work function follows.

(1) Locate Resources. Since this function focuses on identifying where a resource exists or finding information pertinent to the resource and the work consists of sorting, retrieving, organizing, and compiling information, the only automated capability required to perform this function is data manipulation.

(2) Map the Resources. Mapping activities primarily require the capabilities to capture geographic data in a digital format and to produce a high quality cartographic product. Thus, the primary automated capabilities required are data entry (primarily digitizing) and data output (primarily plotting). A smaller amount of data manipulation and import/export are required to retrieve, organize, and transfer data to output devices such as plotters. Analysis capabilities are not required for mapping resources and were not assigned a value.

(3) Measure Resource Characteristics. Measuring the characteristics of resources focuses on analysis capabilities to process information. Thus, data are processed to produce information such as areas, geographic accuracy, relative and absolute distance, length, volume, and value. Simple statistical analyses and computational requirements for engineering are included. Lesser amounts of data manipulation and output capabilities are required to sort and retrieve information and produce tabular output. Output capabilities focus on displaying alphanumeric information. No data entry or import/export capabilities are required to produce measurements from existing data.

(4) Identify Potential Conflicts and High Interest Areas. This function centers on the spatial analysis of data. Some data manipulation is required to sort and retrieve large quantities of information by an often complex set of criteria. A moderate amount of output is required to graphically portray information and check results. No data entry or import/export capabilities are required.

TABLE II-1

Levels of Automated Capabilities by Work Function

Automated capabilities necessary for each work function, and estimates of percentage of each automated capability needed for each work function. See text for explanation of how these percentages were derived.

Automatable Work Functions	Automated Capabilities Required				
	Data Entry (%)	Data Manipulation (%)	Data Analysis (%)	Data Output (%)	Data Import/Export (%)
1. Locate Resource		100			
2. Map Resource	40	10		45	5
3. Measure the Resource		10	80	10	
4. Identify Conflicts/High Interest Areas		15	70	15	
5. Map Conflicts		15		80	5
6. Measure the Conflicts		15	75	10	
7. Identify Locations/Alternatives		10	70	20	
8. Maintain and Update	40	45	5	5	5
9. Store and Retrieve		65		20	15
10. Monitor Resources and Compliance	5	20	65	10	
11. Reformat Information	10	35	35	15	5
12. Distribute Information		10		20	0
13. Drafting	55	10		35	

(5) Map Potential Conflicts. Mapping conflicts consists of generating output products that have been prepared by analyzing data. The activities associated with this function focus on producing graphics with existing data and do not require data entry. Some data manipulation is required to sort and retrieve information from a larger data base generated from analysis. Relatively little import/export capability is required for transferring data to devices such as printers and plotters. No analysis capabilities are required.

(6) Measure Potential Conflicts. Measuring conflicts relies heavily on analyzing data that has been prepared through previous spatial analyses. Data resulting from spatial analyses are processed to produce information such as area and distance summaries and volume calculations. Data manipulation is required to retrieve and sort through the enlarged data base as a result of previous analyses. Output capabilities are required to generate tabular output to display data such as areas or statistical results.

(7) Identify Best Location and Examine Alternatives. Identifying alternatives and best locations centers around iterative analyses of data to generate "what if" scenarios in resource management. The activities involved center around analysis according to variations in criteria. Some tabular and graphic output is required to examine results of the analyses. Some data manipulation is required to sort and retrieve the appropriate information. No data entry or import/export capabilities are required for this work function.

(8) Maintain and Update Resource Information. Maintaining and updating require the capabilities to enter, organize, and edit large quantities of information. A large amount of data manipulation is required to sort, identify, and retrieve the information to be edited. After the appropriate data are obtained, data entry is required to make modifications. Therefore, the amount of data entry is also high. Small amounts of analysis, output and import/export capabilities are required to identify problems and check results.

(9) Store and Retrieve Information. Storage and retrieval requires the ability to access, identify, sort, and retrieve files and information within files according to specified criteria. Therefore, the demand for data manipulation to process data is high. A moderate amount of data output and import/export capabilities are required to examine data after retrieval (graphic display) and to provide long-term storage (copy to tape). No data entry or analysis is required for this function.

(10) Monitor Resources and Compliance. Monitoring and compliance requires the capability to analyze data for activities such as verifying coal production and detecting changes in rangeland condition. Analysis capabilities to measure information and to evaluate changes over time are emphasized. These include the analyses required to classify and measure changes in both digital maps and images. Some manipulation is required to organize, sort and access appropriate information. A relatively small amount of output and entry is required to examine results and to add new information. No import/export capabilities are required.

(11) Reformat Information. Reformatting requires a variety of capabilities, with emphasis on manipulation and analysis. Manipulation is needed to change data formats so they can be used in a variety of applications software. Examples include reformatting data from ARC/INFO to MOSS or DEMs to MAPS and changing scales or projections. A comparable amount of analysis is needed to change data types such as converting vector data to raster elements or generating histograms from tabular information and to generate new information from samples, such as point-to-grid interpolation. Some output capability is required to check and verify all reformatted data. Relatively little entry and import/export capabilities are required to add new information and to transfer data between computer systems.

(12) Distribute Information. Distributing information to other locations or systems requires the capability to physically transfer data. Therefore, emphasis was placed on import/export capabilities, including telecommunications, storage devices such as tape drives, and appropriate software such as Kermit. Moderate output is required to verify and examine information after transfer and a small amount of manipulation is required to prepare the appropriate information for transfer. No analysis or entry is required for this function.

(13) Drafting. Drafting consists of drawing without the requirements of handling geographic data. Emphasis is placed on capabilities for interactively entering data or drawing on a screen similar to CAD/CAM systems. A relatively large amount of output is required to generate interim products for review and final graphics. Additionally, a small amount of manipulation is required to sort and select the appropriate information. No analysis or import/export capabilities are required for this function.

3. RESULTS

Appendix A contains the results of the analysis of Functions and Automated Capabilities in Spreadsheet A-2 Functions Summary and Automated Capabilities. The functions were summarized from Appendix A, Spreadsheet A: Functions which is in the Draft Report and is not reproduced in this Final Report. The introductory material included with these spreadsheets explains the results and should be read carefully before any conclusions are drawn.

Every employee in every office could not be interviewed; therefore, considerable extrapolation was necessary to assign appropriate values to each office as described earlier in this chapter. Care was taken to group similar offices to avoid faulty extrapolations; however, some task descriptions may not fit for a specific office. Similarly, the subactivities and program elements included in Spreadsheet A of the Draft Report may not be completely appropriate for each office since they were assigned by task from the original interviews. However, the important factor to consider is the appropriateness of the work functions described, rather than the task descriptions or subactivities. Regardless of the task described, the work functions should be reasonably accurate for the office. These work functions are what ultimately will be used to determine level of automation appropriate in each office.

Chapter III
Workload

Chapter III: WORKLOAD

1. DESCRIPTION

Workload estimates are the annual reportable units of accomplishment attributable to each organizational entity down to the Resource Area level. Current workload estimates were derived from financial management system (FMS) data for FY 1985 since that was the most recent year for which complete data were available. Projected workload was provided for the same kind of data estimated for FY 1996.

The workload estimates and projections were gathered to determine how much of what kinds of work are being performed in each office, and whether that workload is expected to increase or decrease. This will help determine the size of future systems needed to accommodate existing and projected workload.

Initially, the study team believed that workload measures included in the FMS were not as beneficial to the study as other measures that seemed to more realistically reflect workloads in each office. However, FMS data were most easily accessible to all offices, and since the units had already been reported for FY 1985, they are generally comparable among offices. Any other requested workload measures would vary in quality, comparability (among offices), and authenticity.

2. METHODOLOGY

Washington Office Instruction Memorandum No. 86-589, dated July 18, 1986, was sent to all State Directors, requesting them to provide the units of accomplishment by office, down to the Resource Area level for the last fiscal year for which data was available (FY 1985). The Study Team recognized the requested information was readily available at the District level but that the Resource Area level data would have to be taken from "cuff records" or obtained directly from the Resource Area.

Future workload estimates (FY 1996) were also requested from the states. These estimates were to be based on FY 1988 program budget submissions, program outlook guides, and other information available to each state. The 10-year projection of anticipated workload for each major subactivity and program element was to be provided in terms of a percentage increase or decrease from the FY 1985 base year. The states were also asked to identify variables that would cause or influence the increase or decrease.

To the extent possible, the study team used the data as provided by the states. The assumption was made that each state knew best what their existing workload was and which factors would influence that workload over the next 10 years. Much of the workload data provided by states differed in the way it was presented. The projection data differed the most, and some manipulation was required to provide Bureauwide consistency. The study team also recognized that not all workload is reflected in units of accomplishment, resulting in a conservative estimate of workload for this study.

3. RESULTS

Appendix B of the Draft contains the results of the state workload estimates and projections. These results can be used in several ways.

The Study Team initially proposed to draw conclusions from the workload data submitted, but decided against it for a number of reasons. First, the quality of the data submitted by the states varied in detail and completeness. Some offices have no reported units at all and others included erroneous reportable units that the Study Team would be forced to interpret. Second, it was determined that subsequent decision making on automating individual offices would examine the amount and nature of each office's workload in more detail at the time hardware and software purchases would be made. Third, units of accomplishment are not recognized as the best indicators of workload since a great deal of BLM's workload not reportable units of accomplishment.

Finally, the Study Team recognized that subsequent manipulation of the data base presented in Spreadsheet B (Appendix B of the Draft) could be done by AMS in their Configuration Management Plan or in later studies when individual offices begin actual hardware and software acquisition. Therefore, Spreadsheet B stands alone and is left to the reader for interpretation.

The average trend factors calculated in Appendix B for each state became a problem. As averages for each office were calculated, extremely high percentages were shown for such units as land exchanges and resource inventories (no acres in FY 1985, 20,000 acres in FY 1996 results in a 20,000 percent increase). This resulted in average trend factors that the team felt were erroneous. We, therefore, deleted these trend factors that were clear aberrations and recalculated average trends. Since we could not fully account for all these factors, we then averaged all Bureau offices (except Alaska) and arrived at a Bureauwide trend factor of approximately 1.40 for the 10-year period. This was so close to the trend factor used by ALMRS in the Feasibility Study (3.5 percent compounded annually) that the Study Team decided to use that number across the board for all Bureau offices (except Alaska). This came to an average 1-year trend factor of 1.41.

This factor is considered a conservative rate of increase. In their comments on the Draft Report, some states suggested using the 1.40 factor over factors generated from the workload data. For Alaska, a trend factor of 2.5 (9.5 percent compounded annually) was used which reflected a statewide shift in program priorities toward management of resources rather than on conveyance of lands.

The base data and the rationale for the 10-year projections that were provided by the states are on file with the Study Team.

The following is a list of the names of the persons who have been appointed to the various committees of the Board of Directors of the City of New York, for the year 1901.

The Board of Directors of the City of New York, for the year 1901, has appointed the following committees:

- Committee on the Administration of the City
- Committee on the Finance of the City
- Committee on the Public Works of the City
- Committee on the Police of the City
- Committee on the Fire Department of the City
- Committee on the Education of the City
- Committee on the Health of the City
- Committee on the Parks of the City
- Committee on the Public Buildings of the City
- Committee on the Public Utilities of the City
- Committee on the Public Safety of the City
- Committee on the Public Welfare of the City
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Chapter IV
Benefits

Chapter IV: BENEFITS/COSTS

For the purposes of this study, the benefits of automation were grouped into two categories: readily quantifiable benefits (B1), which consist of relatively well-defined time savings which can be achieved through automation, and less-quantifiable benefits (B2, B3, etc.), which consist of actual values that are difficult to measure or estimate.

1. READILY-QUANTIFIABLE BENEFITS (B1)

A. Description.

The most readily quantifiable benefit of automation is increased efficiency in handling information. The category was used by Federal Computer Performance and Simulation Center (FEDSIM) in the ALMRS Feasibility Study, which identifies efficiencies in the production of management information items that are currently generated without automation. It is applied to any task that could be performed with automation but is currently being done by some other method. The benefits were estimated by timing existing tasks and bench marking the same tasks using automation. The most significant benefits under this category will come from those tasks that are repeated often. These benefits are accrued as an increased efficiency in costs, and can be expressed as reduced time to recall and duplicate data for more than one resource use conflict analysis; reduced time spent on redundant data collection activities; reduced time to duplicate graphic data themes; and reduced time to manipulate data for resource use analysis; evaluations and reports. A summary of such benefits for an actual coal lease planning example in Wyoming is shown in Figure IV-1.

(1) Data Entry. Initial automated data entry efforts are estimated to require 10 to 25 percent more time than comparable tasks accomplished with manual methods. Digitizing, for example, is very labor intensive and more complex than drafting or redrafting maps. The costs of automation, including data entry, are discussed in this chapter under Section 3, Cost Considerations.

Benefits between 40 and 60 percent will only occur through time as more data are entered and stored in the system eliminating the requirement to draft and redraft maps and manually transfer information to other media such as clear mylar. Digitizing and alphanumeric data base construction, unlike their manual equivalents are performed only once and thereafter updated or reformatted, whereas entire manuscripts may have to be drafted, redrafted, or re-entered a number of times to manipulate the data for different uses or simply to maintain the physical condition of the data using manual methods. This is especially true when new data become available for the same geographic area, as is common for energy and mineral resources. For example, as new coal data become available, the original data are updated and isopleth maps are redrafted. With automation, only the original maps need to be updated because isopleth maps are generated with the system. Therefore, fewer data themes need to be digitized than are manually drafted. A large number of maps can be created without digitizing based on combinations of existing data such as land use alternatives and conflicts. Without automation, these maps would have to be manually drafted.

WORKLOAD COMPARISON: MANUAL VS. AUTOMATED COAL LEASE PLANNING IN WYOMING

INPUT: 7 to 20 Layers of Resources Data for 27-7.5 Minute Topo
Maps (900,000 Acres)

OUTPUT: Acres & Coal Tonnages for 20 Criteria and Maps for Publication
and Public Meetings

MANUAL METHOD	GIS DIGITAL METHODS	
Trace Overlays	13 WM	3 WM
Planimeter Overlays	2 WM	1 WM
Reduce & Compile Data	2 WM	1 WM
Draft Publication Maps	1 WM	.5 WM
Draft Public Maps	1 WM	.5 WM
	=====	=====
TOTAL	19 WM	6 WM
2nd Alternative	10 WM	1 WM
3rd Alternative	10 WM	1 WM

Figure IV- 1

Data may also be obtained from sources such as other BLM offices (land and mineral records and cadastral survey), USGS, SCS, and other federal and state agencies, reducing the need for digitizing. For example, personnel in the New Mexico State Office have used land and minerals records to generate master title plats from a single digitized data theme (PLSS). The time required to manually draft a single plat is 32 hours. Producing the same plat requires only 4 hours for digitizing and 1 hour for generating and plotting. The workmonth savings in this example is 85 percent.

Advances in technology such as scanning techniques for digitizing and interactive data editing, will further reduce the time required for data entry. The PLSS data in this example were previously digitized for a different project, reducing digitizing time for plat drafting to zero, resulting in substantial savings. Similar reuse of data for all applications after initial data entry will make the number of workmonths required for data entry negligible. Therefore, the team felt that an estimate of 40 to 60 percent workmonth savings following the construction of a data base is very conservative for data entry.

(2) Data Manipulation. Manual methods for manipulating large amounts of data are very labor intensive and error prone, whereas automated means of retrieving, sorting, and reformatting information require comparatively little time. Additionally, automated methods become more efficient as the amount or complexity of data increases. Examples of complex data sets include cultural resources sites, oil and gas well data and land records. In these data sets, each geographic feature (site, well or parcel) may have a number of different attributes attached. For example, well files may have type of well, a unique well number, the location, operator information, production information, formation data, etc., for every well. Manipulation of alphanumeric data might entail retrieving all producing gas wells in a particular formation producing in some range. In the manual mode, the task would involve searching through card files and pulling cards which meet the criteria. In an automated mode, the task would involve entering a few commands at the screen. Again, the labor-intensive tasks are performed by the computer. The estimated time savings with automation are between 70 and 90 percent. Examples include the Colorado Cultural Resource data base and the use of digital Petroleum Information (PI) files in many BLM states. The savings attributed to automation in these two cases have been estimated at 90 and 85 percent respectively.

(3) Data Analysis. Benefits for performing analytical functions with automation are substantial. Time spent directing the computer to perform the labor-intensive tasks normally performed by people is minimal. It amounts to entering a handful of commands (or selection of menu items), and allowing the computer to work. The amount of time required to initiate automated analysis remains relatively constant, regardless of the size, complexity, or accuracy of the data and the desired result. In contrast, the time required to perform manual analysis increases rapidly with complexity, quantity, and accuracy (collectively or individually).

The time savings is conservatively estimated to be 70 to 90 percent. These figures are supported by comparisons provided by field offices having automation capabilities. Using the automated "overlay" analysis capability to generate expected grazing pressure areas and the acreages of each category

resulted in a 95 percent time saving over conventional manual methods in an actual example in Wyoming. Another Wyoming example using automated "distance" and "slope generation" analysis capabilities resulted in savings of 87 and 69 percent, respectively. Most examples provided by field offices in the application of automated analysis capabilities such as terrain analysis, overlaying, and calculating areas demonstrated savings in excess of 90 percent. Terrain analysis, for example, shows an increase in efficiency of approximately 95 percent. These figures support the argument that the range of benefits agreed upon by the team are indeed conservative.

(4) Data Output. Substantial benefits are evident with data output tasks. Manual methods involve drafting maps and/or composing tables and diagrams. These methods are labor intensive whereas the automated methods only require setting parameters for the desired output, and at times will require operating an output device. If printing is required or plots can be generated on an electrostatic plotter, no operator would be required. The major requirement for automation is the time spent setting cartographic, graphic, or tabular display parameters. This is usually an interactive process that may require as much as a day and as little as ten minutes. Examples from the Wyoming, New Mexico, and Colorado State Offices verify time savings of 80 percent or more. The amount of benefits increase proportionately with the amount and complexity of data. Additionally, many products would not be and are not produced because of the amount of time required with manual methods. This is especially true in situations such as when multiple maps need to be paneled together and plotted as a single map (often requiring a smaller scale). Thus, time savings are estimated conservatively at 70 to 80 percent for generating output.

(5) Data Import/Export. Time savings associated with copying and transferring data between locations are estimated at 60 to 70 percent. These savings can be demonstrated by comparing the task of copying or redrafting 400 maps manually or xeroxing them and mailing copies, to copying a disk file to tape and mailing or sending files over telecommunication lines. The time spent performing the manual task would require redrafting and/or xeroxing which would require most of the maps used by BLM (1:24,000 scale) to be sectioned or 1,600 manuscripts to be copied. These manuscripts would then have to be mailed or delivered to the appropriate location. An automated method would include mounting a tape or inserting a disk and issuing two or three commands. The disk or tape would have to be mailed. Another option with automation would be to issue two or three commands to send alphanumeric or graphic files over telecommunication lines, eliminating the requirement and time delays associated with mailing. Thus, substantial workmonths are saved in reproducing information and transferring it to other locations.

B. Methodology.

The time savings benefit was computed by recording the time spent (work months) manually performing potentially automatable tasks estimating the time savings of performing the same tasks with automated methods, and calculating their difference. Since all five of these tasks--data entry, manipulation, analysis, output, and import/export--deal with handling information, they are addressed as a whole in this discussion.

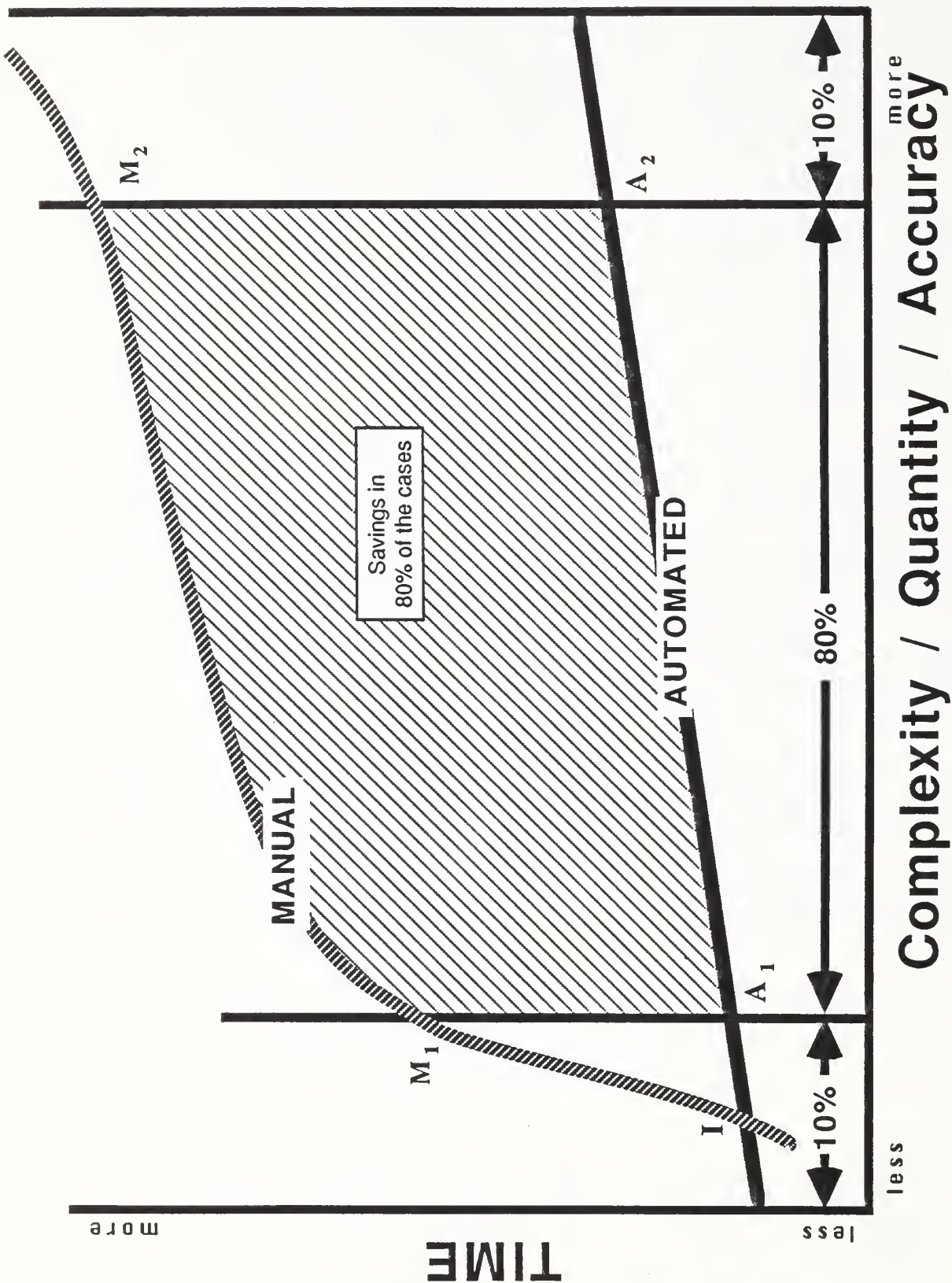
Field interviews identified resource management tasks that could be affected by automation, the automatable steps within each task (equivalent to work functions), time spent on each step, and the potential for automating each step. All tasks that did not have a potential of being partially automated were eliminated from consideration. Therefore, the amount of time spent on work that could be potentially automated was identified by work functions. The team assigned levels of automated capabilities associated with each work function (see Chapter II, Work Functions and Automated Capabilities) and calculated the manual equivalent in workmonths by automated capability. The team also estimated the percent of time saved by performing the same work with automated capabilities. The levels of savings assigned to each group of capabilities are discussed below. The manual equivalent of workmonths by automated capability and savings by capability were used to compute total workmonth savings.

The benefits associated with automated capabilities vary widely, ranging from 0 to 100 percent. Cases can always be cited where automation does not offer a benefit. This usually occurs in the very simple cases such as estimating number of acres in a 1/4 section compared to accessing a computer to measure actual acreage. At the other end of the scale, cases can always be cited where the benefit of automation approaches 100 percentage over manual methods (for example, measuring the acres of pinyon-juniper vegetation on BLM-administered land for an entire resource area). The automated effort required is virtually the same as for the simple example, merely the entry of a command. The manual effort required to calculate these acres would increase rapidly with the number of regions to be measured. In addition, the complexities of sorting out only pinyon-juniper and plotting the resource area boundary would increase the time required. These relationships are illustrated in Figure IV-2.

Estimating the savings strictly from the range of 0 to 100 percent would not be representative of the true benefits. An average based on this range would include the very simple tasks at the lower end of the graph where the automated effort exceed the manual effort and the highly complex problems at the upper end where the manual procedures approach impossibility. By excluding the upper and lower 10 percent of the graph, the difference between the automated and manual curves for the mid-80 percent would better reflect true savings.

The results can be translated as the range for the mid-80 percent of all cases. The assumption here is that both positive and negative benefits at each end of the scale are dropped and their differences roughly cancel each other. The benefits computed for the automated capabilities will then more accurately represent those that can be realized with automation.

This general model (represented by Figure IV-2) applies to all the automated capabilities except data entry. Data entry is unique because the intersection of the curves falls in the mid-80 percent. In all other automated capabilities, this intersection occurs in the lower ten percent. The reason that this intersection occurs in the mid-80 percent for data entry is that in the early stages of data base construction, the cost of automated data entry exceeds the time spent on the manual equivalent. (See Chapter 2, "Descriptions," for an explanation of the manual equivalent.) Following the initial construction of the data base, automated data entry becomes a benefit as the capabilities of automation allow the avoidance of manual redrafting (and other data entry manual equivalents).



AUTOMATED VS. MANUAL SAVINGS

Figure IV-2

In order to address the aspect of a negative value at the lower end of a benefit range encountered by M1-A1 (on Figure IV-3 where A1 = M1), the single graph was divided into two graphs (Figure IV-4), the break being the point where the curves intersect (I on Figure IV-3). The mid 80 percent for each graph was located and the upper and lower bounds computed.

The data entry graph showing negative values was not included in the benefit calculations as a "negative benefit" or cost. Rather, it is included in the last section of this chapter dealing with cost considerations.

The graph of data entry showing positive values is included as a benefit and was used only to compute future benefits, based on the 1996 projections. The assumption here is that the Bureau will pass the point of initial data base construction within the next 10 years. While, in practice, this point (I) is less a function of time elapsed than extent of data base construction, only four of the BLM states are constructing data bases to the extent that they are approaching I. Within these four, there is a variation in the extent of the data base completed. In other words, the pair of graphs for data entry could be generated for each BLM administrative area. Rather than complicate the model for a limited amount of difference in the results of computations, the team took a conservative approach and chose to assume no initial data base existed and that all states would have completed construction 10 years from now. This allows the use of one pair of data entry benefit graphs for the entire BLM.

C. Results.

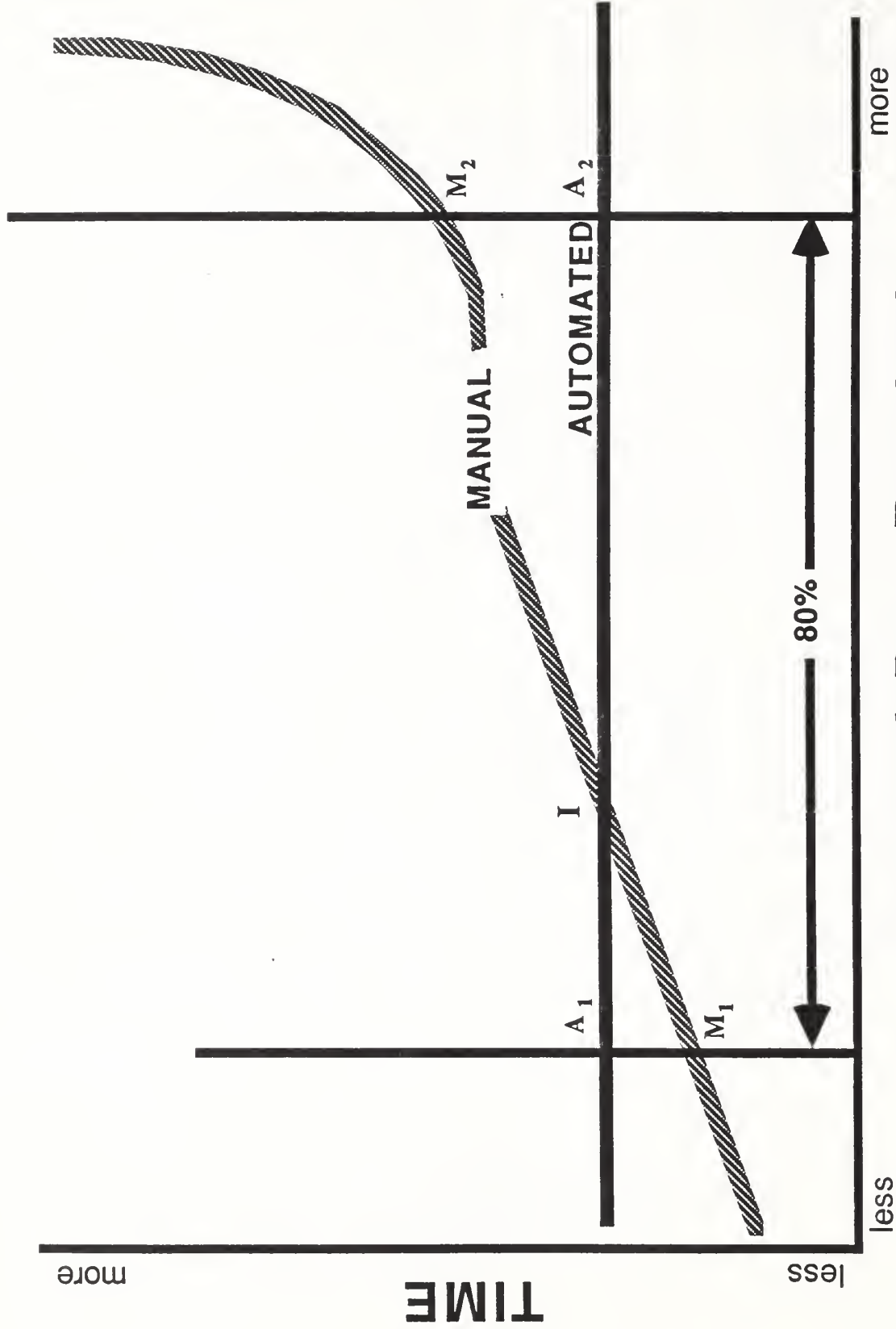
The readily quantifiable benefits results are displayed in Appendix C for each office by automated capability for the current year (FY 1985) and projections for FY 1996. Benefits are expressed in work-years saved and may be converted to dollar savings by assuming a fully loaded average work-year cost of \$32,000. This figure was used in the ALMRS Feasibility Study and has been used here for consistency. A high and low range have been calculated based on the ranges described for each automated capability in Section IV.1.A of this chapter.

These readily quantifiable benefits have been totalled for each office and the maximum ranges are included in Table V-1, in the last chapter.

2. LESS-QUANTIFIABLE BENEFITS

A. Description.

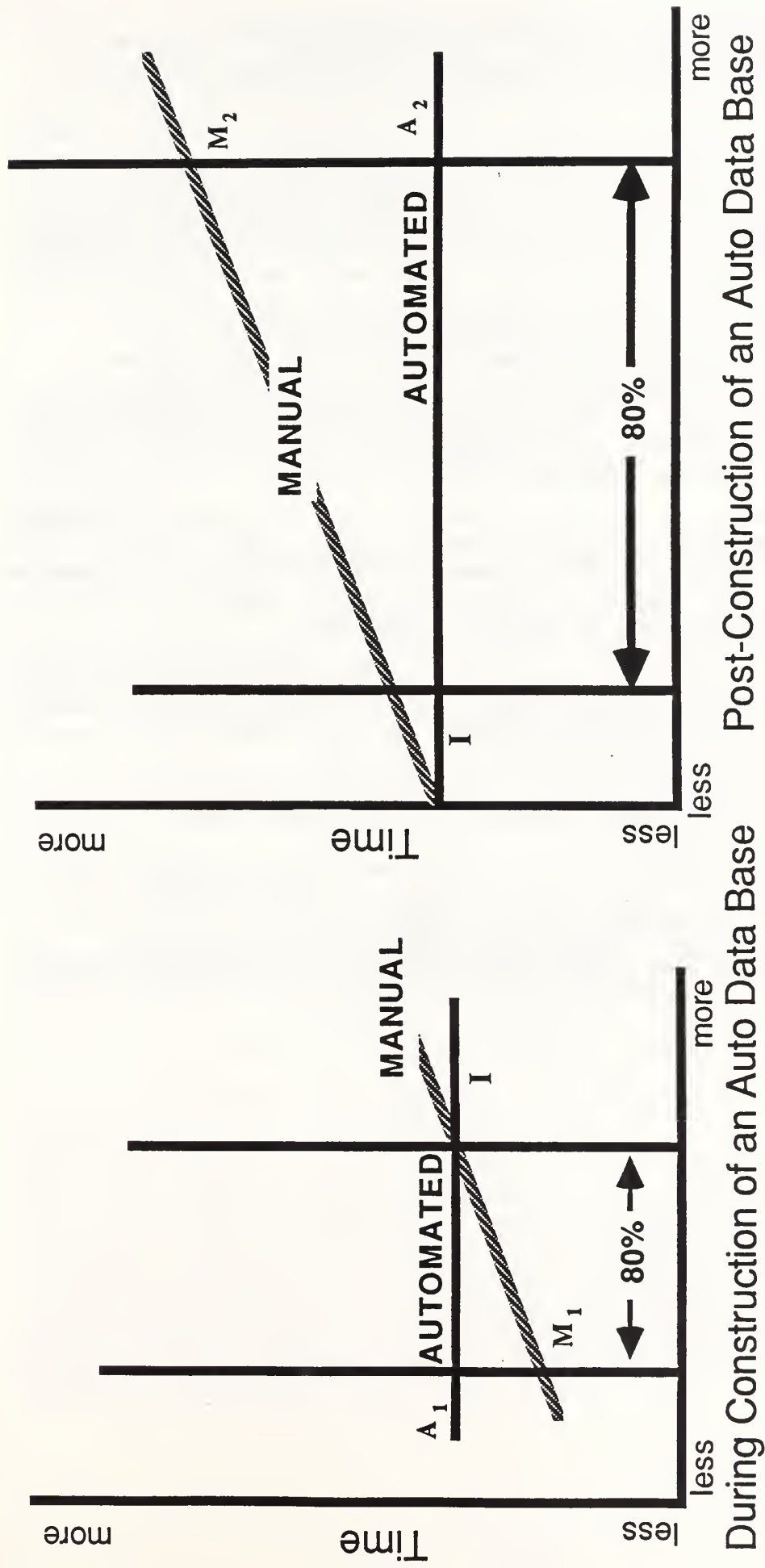
Less-quantifiable benefits include, but are not limited to, the improvement of BLM's capabilities to assess and evaluate complex information used for resource use and allocation. These benefits also include improving BLM's capabilities for assessing and evaluating highly valued resources when these resources are in areas with other competing and sensitive resource values. The BLM has had several experiences in the past decade where preferred alternatives and resource use decisions have been challenged in and out of the courts. These challenges and lawsuits all had the common thread that the BLM had failed to consider existing and available information and all sufficient alternatives and associated consequences when arriving at preferred



Amount of Data Required

LABOR EFFORT COMPARISON FOR DATA ENTRY

Figure IV-3



(a) Amount of Data Required (b)

LABOR EFFORT COMPARISON FOR DATA ENTRY

alternatives and final decisions. With an ever increasing amount of available information, the "today" and "tomorrow" resource specialists and resource managers must have the capability to gather, store, retrieve, and manage information for defensible resource use decisions, evaluations, allocations, and uses.

What are the benefits to the BLM of improved data analysis capabilities and how can these benefits be measured? Conventionally, in cost-benefit analysis, value is based on the "willingness-to-pay-criterion" and benefits, as those described above and in the remainder of this section, are defined as "costs that can be avoided." But costs avoided are not the only benefits that can be realized in the automation of BLM resource information. There are additional benefits realized such as (1) the capability to transport and share information with other users including individuals, groups, organizations, local, state and Federal agencies, industry and the public, and (2) the ability to assimilate information from other sources into a logical and sequential analytical process which benefits the resource specialists and resource managers.

In addition to the benefits derived by BLM, subsequent improvements in land-use decisions affect the users of public lands, other federal, state and local government agencies, and the general public. These are progressive social benefits that are expected to affect one or more members of society, as well as future generations and the resources involved.

The list of anticipated benefits described below is ranked from the most tangible to the least tangible benefit, grouped under five broad benefit categories. Each category reflects estimates of costs or opportunity costs that would be incurred if automation were not in place.

(1) Ability to Analyze "Possible" Alternatives. (B2)

This category addresses the increased personnel needs that would be required to examine the data at the same level of detail and consider the same number of scenarios and alternatives that could potentially be examined if automation were operational. It is a cost-avoidance benefit since it estimates the savings accrued by not having to have additional personnel to obtain the quality of analysis achievable with automation.

(2) Ability to Analyze "Impossible" Alternatives. (B3)

Automation makes it possible to perform otherwise "impossible" spatial studies, such as the ability to do multi layered overlays, proximity calculations, and interactive data transfer with a data base management system. This benefit is limited to tasks where the complexity of issue identification, analysis, and formulation of alternatives defies current, traditional capability. Under these circumstances, automation can produce supportable documented decisions in cases where only judgmental decisions were possible before.

(3) Common Framework for Analysis and Data Sharing. (B4)

This category addresses the improved communication and coordination between resource specialists, BLM offices, and BLM and other agencies, that are expected to result from the use of automation. A common framework provides data consistency and conformity, increases the productivity of resource specialists, and fosters data sharing between resource disciplines and agencies.

(4) Increased Quality of Planning and Management Decisions. (B5)

The use of automation is expected to result in better thought-out decisions, quality plans, and management actions. This will translate into increases in management productivity.

(5) Additional Social Benefits/Revenues. (B6)

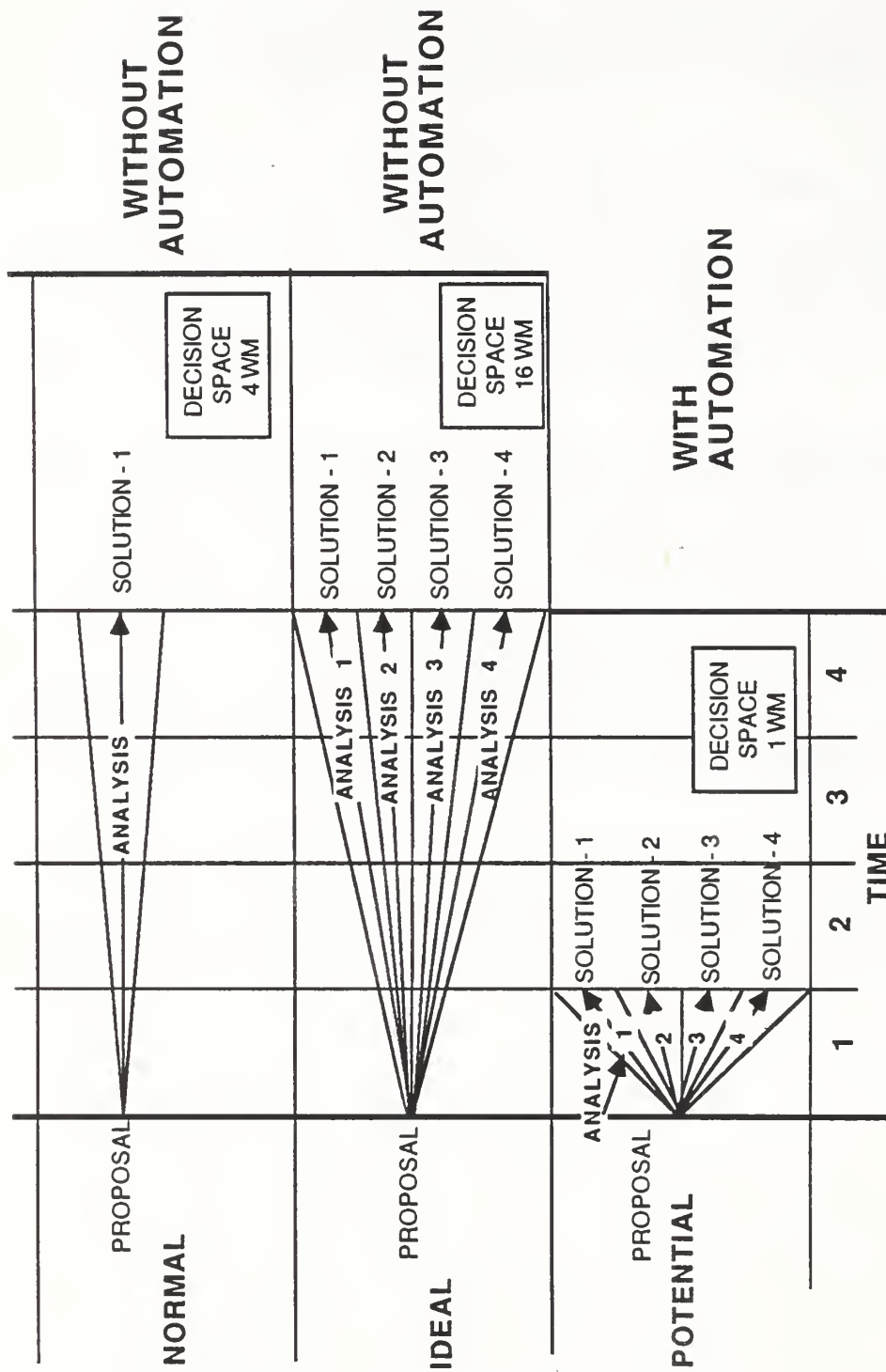
This category includes less quantifiable, but nonetheless important aspects of improved management due to automation that imply socioeconomic as well as ecological improvements.

B. Methodology.

Cost savings were computed using formulae designed to measure savings derived from less-quantifiable benefits associated with automation. Benefits expressed as workmonth savings can then be equated to cost savings.

(1) Ability to Analyze "Possible" Alternatives.

Automation facilitates the examination of a diversity of scenarios. Current methods limit the number of alternatives which can be effectively considered because of time and funding constraints. Normally, only an obvious solution is developed for each proposal, be it a timber sale, APD, AMP or RMP. The range of analysis is limited by a host of factors: available resources (dollars per workmonth), time, conventional or traditional practices. When automation is available, the decision maker can examine a variety of scenarios with the same workmonths and in the same length of time it now takes to look at one alternative. The benefits from automation, therefore, can be inferred by estimating the increased personnel needed to examine the same number of scenarios that would be potentially considered if automation was available (see Figure IV-5).



ABILITY TO ANALYZE "POSSIBLE" ALTERNATIVES (BENEFIT B2)
 (TASKS ARE FULLY AUTOMATABLE AND GIS SAVINGS ARE 75%)

Figure IV-5

The range of values of this potentially automatable benefit is a function of the number of incremental scenarios to be examined. If we postulate that the marginal utility to the decision maker examining different scenarios increases up to a point and decreases thereafter, this function $U=f(NS)$ would look like the curve shown in Figure IV-6.

There will be an optimum number of scenarios, NS^* , for the maximum utility to the decision maker. If the BLM wishes to operate at the optimum, and considering that under automation the incremental length of time it takes to examine a given scenario approaches zero, the savings attributable to automation will be of the order of (NS^*-1) times the current automatable workmonths. Should the BLM be unable to operate at the optimum NS^* and elect instead to satisfy rather than optimize, the savings attributed to this benefit will still be substantial since the number of scenarios NS s needed to satisfy the manager will be at least twice the current number. This assumption, and the associated savings, recognizes that the Bureau, as an action-oriented agency, bases its management decisions on timeliness rather than on scientific rigor or comprehensiveness.

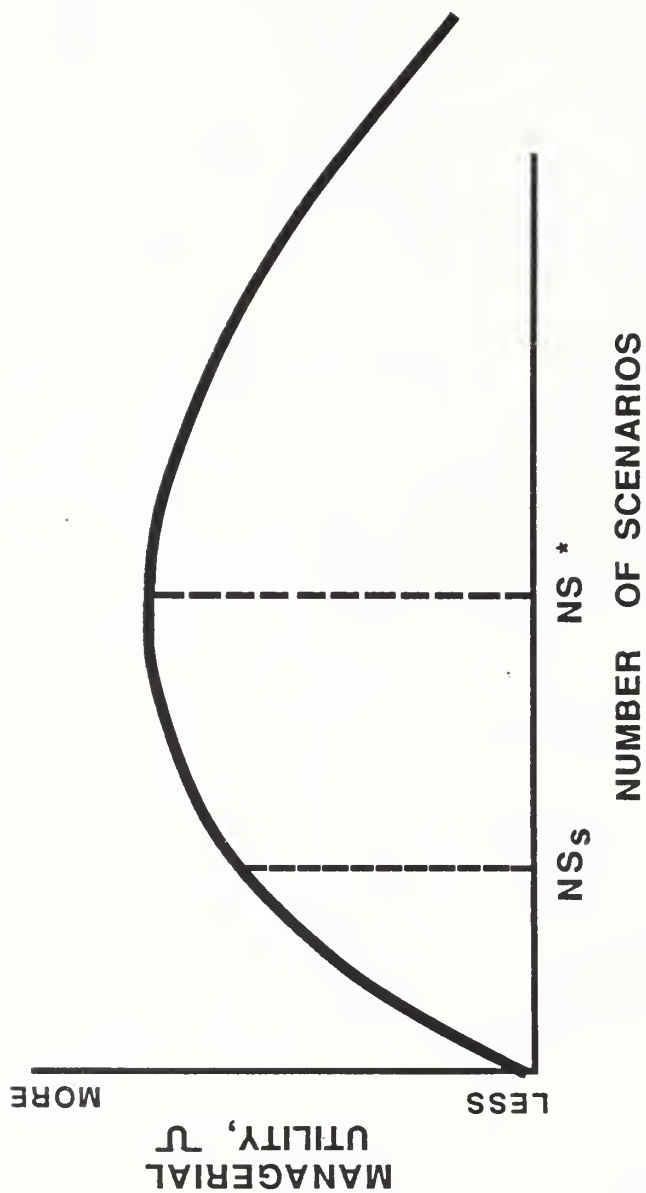
An additional benefit of automation not included in the (NS_s-1) factor is the ability to repeat exactly, previously invoked procedures in map analysis, eliminating errors of replication and subjective human judgment which would surface if the analysis were to be done manually using additional workmonths. Conceivably, error checking could be done with additional manual resources. Hence, this additional increase can be saved using automation. Let this increase in the resources required for non-automated scenario analysis be represented by the factor XR , where XR is greater than 1, and the fraction above 1 measures the marginal increase. Then, the overall B2 benefit can be expressed as

$$B2 \text{ Benefit} = (NS_s-1)(XR) \text{ (current potentially automatable work years).}$$

(2) Ability to Analyze "Impossible" Alternatives.

Closely allied to the previous benefit and an expansion on the concept is the potential savings associated with the ability to make heretofore "impossible" analyses of alternatives where the complexity of issue identification, analysis, and alternative formulation defies current, traditional capability. The Western Oregon planning update effort is an illustration of a land and resource allocation analysis that would not be achievable without automation.

In terms of current BLM situations, the spotted owl problem and the elk/timber interface problem in Western Oregon are prime examples of this type of benefit. The spotted owl problem involves accessing an alpha-numeric data base for timber, developing related graphics by hand, interacting with timber sale plans mapped separately, interfacing the whole with wildlife maps of various scales and in various formats, performing acreage calculations on numerous blocks of land, and stratifying the results in several configurations. Manually, if this could be done, it is estimated it would take 14 workmonths. Applying automation, this would take not more than 5 work days after data entry, a savings of over 13 workmonths.



$NS^* =$ Optimum Scenarios

$NS_s =$ An Adequate Number of Scenarios (Always >1)

MANAGERIAL UTILITY OF INCREASING SCENARIOS

Figure IV-6

The elk/timber interface problem was handled during the 1980 timber planning cycle by withdrawing 25,300 acres of old growth from timber production and seeding 950 acres annually. The opportunity cost to the BLM in terms of timber production foregone was estimated at \$4,407,260 and the cost of forage seeding at \$318,250 for the life of the 10-year plan. The total is \$4,725,510. Looking forward to the 1990 planning cycle the development of a new elk habitat model (USDA Forest Service 1986), and the availability of automation would provide for the possibility of solving the elk/timber problem without the need to withdraw land from the timber base and without costly mitigation measures. This could be accomplished by using the analytical capability of automation to structure the spatial distribution of planned timber actions to capture and maximize the combined operation between the programs. The net benefit of this process could be the successful solution of the elk/timber problem without foregoing timber production.

A nebulous line exists between what constitutes an impossible manual task and what does not and, therefore, an element of practicality is warranted here. The benefits addressed are limited to the tasks that are not literally possible without automation. If the current manual methods only allow the decision maker to make an educated guess, the benefits accrued from automation can be calculated by estimating the impact on the affected resources of an informed decision versus an expedient decision. This benefit is, therefore, an ad-hoc factor specific to the task at hand and expressed in total dollars or workmonths. It can also be assumed without loss of generality that the number of "impossible" tasks, at a given point in time, would constitute a fraction of the automatable tasks. Let this fraction be represented by the factor XA. Then, this B3 benefit can be expressed as:

B3 Benefit = (XA) (current potentially automatable work years).

(3) Common Framework for Analysis and Data Sharing.

The use of a common framework and methodology by all resource specialists will enable them to communicate better, focus their attention on the problems at hand, and improve coordination between BLM offices and between BLM and other agencies. These benefits can be expressed as an increase in productivity. If we assume that productivity can be measured by the length of time it takes for him/her to get a full grasp of the problem and pass it on to the next level of decision making, it follows that any method that can facilitate these tasks will benefit the BLM. The actual extent to which automation will help the resource specialist improve his or her grasp of the problem will depend on the diversity of the issues and data, but a conservative estimate could be guessed at five percent. Let this factor be expressed by XP. Then this part of the B4 benefit can be expressed as:

B4 Benefit = (XP) (current potentially automatable work-years).

A common framework will, in addition, provide for data consistency and conformity. The main value in a common framework is the GIS's spatial data coordinates. These geographic coordinates will allow for data merging, overlaying, and cartographic analysis that is not available with current procedures. The manual equivalent requires data to be redrafted (compiled) on multiple overlays using common scales and map formats.

The exchange of data between all government agencies or private organizations reduces the duplication of effort in the mapping and data collection process. The common framework will allow for sharing spatial data within the BLM, and among Federal and state agencies and private interests. Actual savings are evident with data exchange. For example, to meet current demands, four Federal agencies including BLM, have or are developing exchange formats for topographic data. Agencies can exchange these data at a cost of \$100 per 7.5' map. Compared to an estimated cost of \$1,200 to regenerate a digital topographic map, this results in savings of \$1,100 per map. Additionally, the BLM uses topographic data and generates slope and aspect information to be used in many resource programs including oil and gas, coal, grazing, road construction, forestry, and planning.

Other agencies have expressed interest in exchanging data with the BLM. Major digital data types that could be exchanged include cultural resources, soils, minerals, administrative boundaries, political boundaries, hydrography, climatology, vegetation, transportation, surface disturbances, wildlife use, wildlife habitat, and range trends.

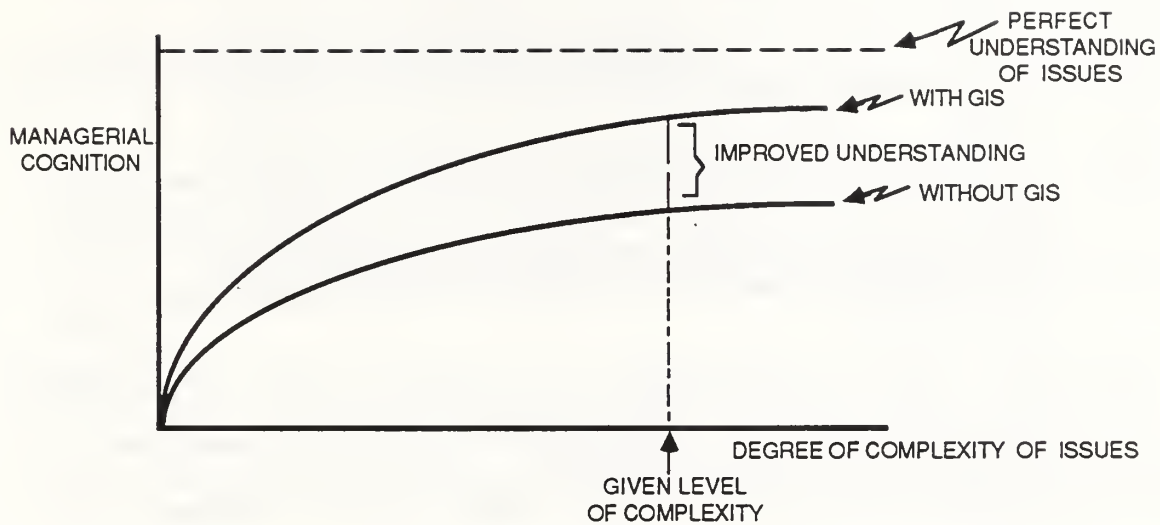
The efficiencies to be gained over time for data sharing are substantial to society as a whole. While BLM will benefit from importing data from other agencies, the long-term picture would have other agencies, especially state, local, and private industry, benefiting substantially from receiving BLM digital resources data. While the quantities involved are difficult to estimate, the flow of map data to outside public and government entities, could increase 5- to 10-fold when the Bureau sets minimum standards for its digital data.

(4) Increased Quality of Planning and Management Decisions.

The managerial concept of GIS has developed out of the more generalized idea of management information systems (MIS), which came to the fore in the late 1960s as a topic for business research and has become commonplace with the advent of microcomputer data base management system (DBMS). MIS allows for the efficient use, storage, and retrieval of information for management decisions. GISs are a form of MIS that allow map display of the generated information.

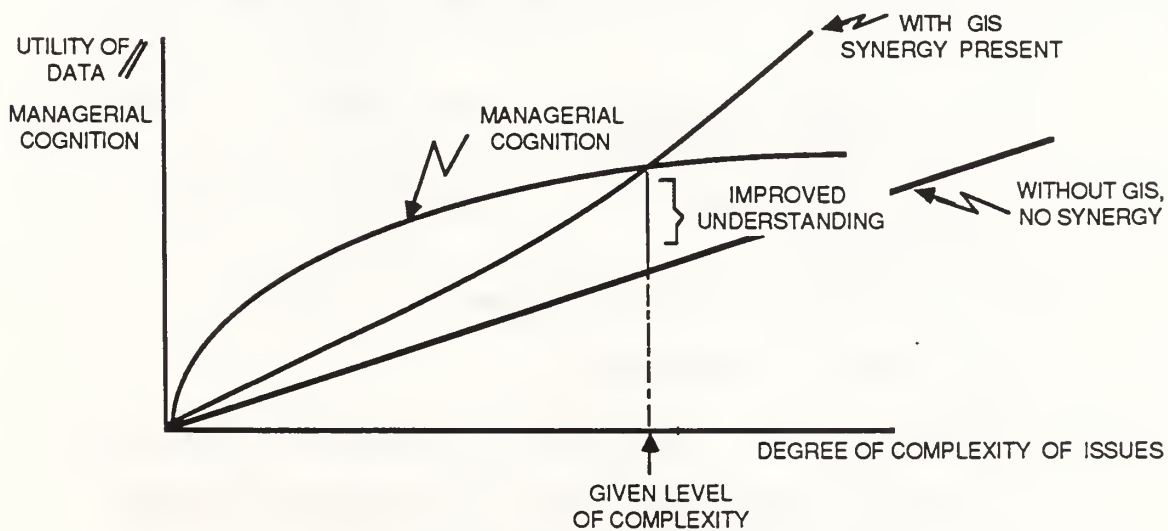
The kinds of questions which can be answered by GIS and the depth in which they can be answered are tied to the number and types of data themes available to address the issue. It has been argued that the richness of a data base is exponentially related to the number of items in the overall data base (Craig 1985). The level of knowledge or cognitive ability of the manager is taxed by an increase in the complexity of the issue. GIS can be viewed as an algorithm or step-by-step process, that solves a given problem at a lower order of complexity, hence the "managerial resources" (i.e., the cognitive powers of the manager) consumed are less. From the conceptual graph given in Figure IV-7a, for a given level of complexity, the level of understanding is higher with GIS than without GIS. Similar to the concept of order of an algorithm, the cognitive power of a given manager can grasp a higher level of complexity with GIS.

It can be postulated that management productivity is measured by the length of time it takes for the manager to reach an understanding of the problem. Once the understanding has been reached, the decision can follow immediately. Given a limited amount of time and an ample supply of issues,



MANAGERIAL COGNITION AS A FUNCTION OF COMPLEXITY OF ISSUES

Figure IV-7a



EXPLANATION OF FIGURE 7a BASED ON GIS SYNERGY

Y AXIS REPRESENT BOTH THE UTILITY OF DATA AND MANAGERIAL COGNITION

Figure IV-7b

the manager's productivity, i.e., the number of decisions/unit of time, will increase with an increase in cognition. The productivity of the manager can also be gauged by the additional work that may be required to justify the decision. A better informed manager requires less additional staff support work to support decisions. From the graphic in Figure IV-7b, we can make the following conclusions:

- o For the same level of cognition (awareness), the productivity of the manager will increase because of quicker grasping of the issues.
- o For an increased level of understanding at a given level of complexity, an increased awareness of the manager will result in a corresponding increase in the manager's ability to defend and justify the decision, hence, also the additional productivity.

The actual value of this benefit will increase as the decision maker becomes more familiar and confident with the use of automation. There will be a learning curve for this benefit as a function of time, but it could be safely guessed that the lower bound would be no lower than five percent. Let this factor be expressed by XQ. Then, this B5 benefit can be expressed as:

B5 Benefit = (XQ) (fraction of workload spent in decision-making) (total BLM work years in resource work).

(5) Additional Social Benefits/Revenues.

Under this category, the following less quantifiable, but nevertheless important aspects of improved management due to automation are included:

- (a) Better compliance with multiple-use mandates of FLPMA and other resource legislation.
- (b) Better public image, less controversy and improved publicity.
- (c) More confidence in BLM decisions by the public.
- (d) Avoidance of litigation.
- (e) Fewer protests.
- (f) Fewer challenges, resulting in cost avoidance of BLM employees revisiting the same issue repeatedly.
- (g) More responsiveness from Congress and additional funding.
- (h) Better sustained yields.
- (i) Less disruption of revenues which counties are especially dependent on.
- (j) More productive use of professionals.

C. Results.

The following values and ranges were used to calculate the dollar magnitude of the less-quantifiable benefits:

o	Fraction of workmonths spent in decision making	1/30
o	Range of satisficing scenarios, NSs	2 to 4
o	Range of replication factor, XR	1.05 to 1.10
o	Range of productivity increase factor, XP	0.05 to 0.10
o	Range of quality increase factor, XQ	0.05 to 0.10
o	Range of "impossible" alternatives factor, XA	0.01 to 0.02
o	BLM labor costs, dollars/year/person	32,000

These values and ranges were applied to the potentially automatable work years to determine the less-quantifiable savings in work years (see Table IV-1).

Table IV-1
Current Potentially Automatable Work Years

Total annual BLM work years performing resource work ¹	5,603
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Total annual potentially automatable work years, for²:

Alaska	88
Arizona	69
California	119
Colorado	131
DSC	23
Eastern States	57
Idaho	133
Montana	112
Nevada	163
New Mexico	134
Oregon	313
Utah	151
Wyoming	<u>171</u>

Subtotal	1,664
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Tables IV-2 and IV-3 display the lower and upper bounds for each of the benefits expressed in work years.

Table IV-2
Annual Benefits in 1,000s of dollars: Lower Bounds

B2 = (1) (1.05) (1,664)	=	1,747.2
B3 = (0.01) (1,664)	=	16.6
B4 = (0.05) (1,664)	=	83.2
B5 = (0.05) (1/30) (5,603)	=	<u>9.3</u>

Subtotal	1,856.3
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¹Source: Table V-1

²Source: Appendix C - Spreadsheet C

Table IV-3
Annual Benefits in 1,000s of dollars: Upper Bounds

B2 = (3) (1.10) (1,664)	=	5,491.2
B3 = (0.02) (1,664)	=	33.3
B4 = (0.10) (1,664)	=	166.4
B5 = (0.10) (1/30) (5,603)	=	<u>18.7</u>

Subtotal		5,709.6
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When expressed in dollars/year Bureauwide, the above less-quantifiable benefits compute to a minimum of \$59,402,000/yr., and a maximum of \$182,707,000/year. Obviously, this is a broad range, but reflects the difficulty in accurately describing these less-quantifiable benefits. Regardless of what the actual figure is within this range, it is clearly a significant amount. This formula can also be used by states, or even individual offices, to calculate their potential range of less-quantifiable benefits. The Study Team has not done this, preferring instead to only display the readily quantifiable benefits described earlier, and included in Appendix C: Spreadsheet C.

3. COST CONSIDERATIONS

A. Description.

Thus far, the study has dealt primarily with quantifying the benefits of automating resource management functions. Quantifying system costs are equally important, but most of these costs are related to system configuration and, therefore, cannot be computed until AMS develops a recommended Configuration Management Plan. One cost, however, is independent of system configuration and is provided by this study. This is the cost of data entry.

Total system costs include hardware and software purchase, data entry, system maintenance (hardware, software, and data), site preparation, telecommunications (if appropriate), training and system operation. Data entry is somewhat unique in this list since it relates less to the specific system configuration than to workload and work functions (quantity and quality). Work function data were collected for this study in order to quantify benefits. The task of computing costs from these data then is relatively small and is most efficiently accomplished as a part of this study.

It is suggested that the reader review the benefits section addressing data entry. In that discussion, it is assumed that in the initial stages of the implementation of a land and resource management information system, data entry is a cost. That is, the automated effort to enter data exceeds the manual equivalent of data entry (for a discussion of data entry in both the manual and automated mode, see the description of the data entry function in Chapter II). Further, after a certain point in data base construction, data entry becomes a benefit, as the costs of duplication in manual data entry are avoided. The estimate of this benefit is provided in the benefit section. This section addresses the cost of data entry.

B. Methodology.

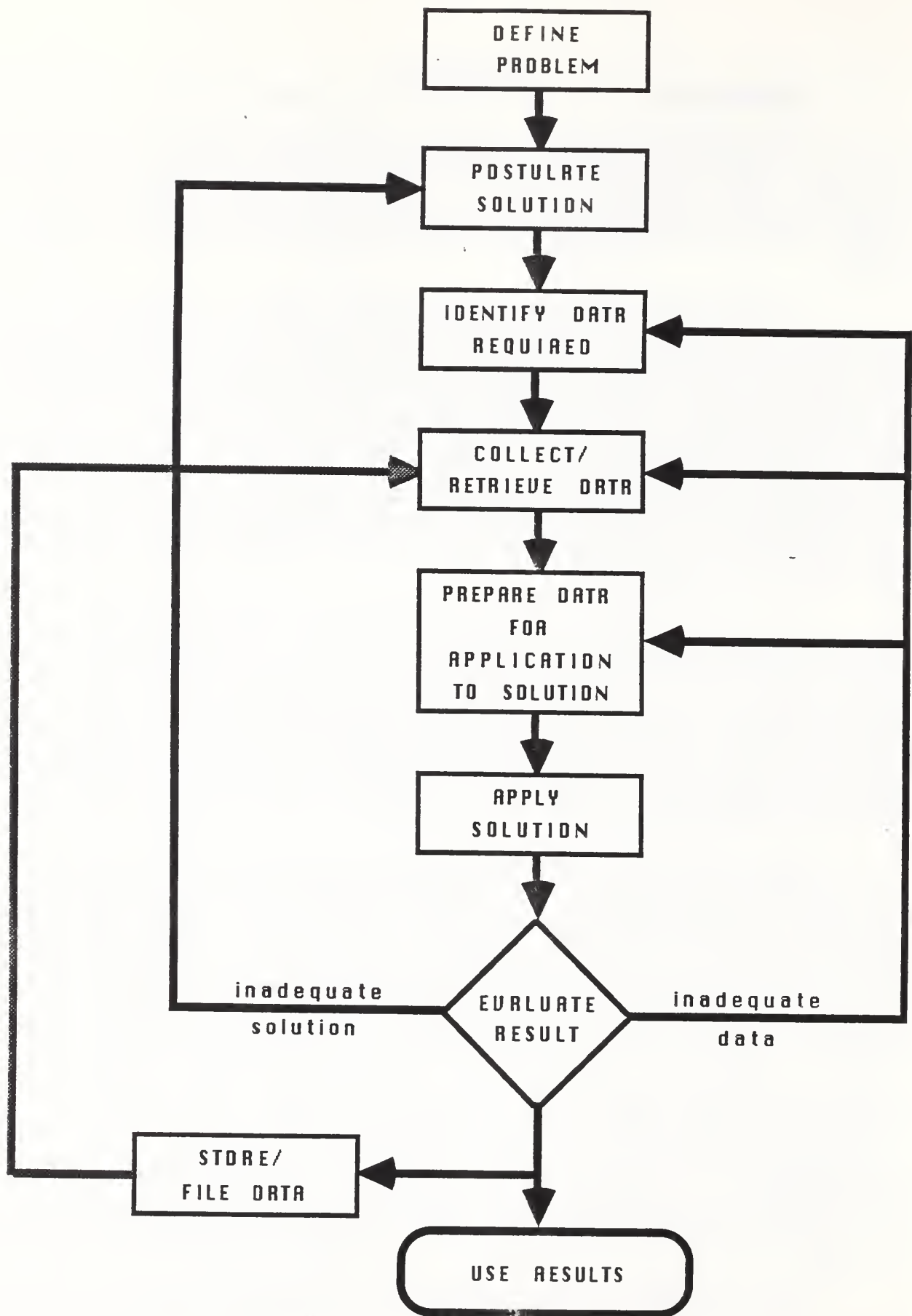
The graph provided in the benefit methodology section for data entry illustrates the concept of data entry as a cost (Figure IV-4a). In this graph the manual effort equivalent to data entry is always less than the automated effort. This is the case because the automated data entry effort is more time consuming than the manual equivalent in the problem solving process (Figure IV-8).

In the manual problem-solving process, a problem is defined, a solution is proposed, and required data are identified, collected, prepared and applied to the proposed solution process. The results are then evaluated for adequacy and, if judged inadequate, the problem solver either postulates a new process or identifies different data requirements (or both) and the process is repeated. Once an adequate solution is generated, the results are used and the original (and newly created) data are stored for future use. The difference in this process when applied in an automated environment is that the data storage/filing step is accomplished following the collection/retrieval step and before the preparation of the data step. In addition, the entry of data into an automated system is usually more involved than is encountered in a manual mode.

The cost is computed from the difference between the curves representing manual effort and automated effort at data entry tasks (Figure IV-3). Recall that the manual equivalent of data entry includes such tasks as placing data into a manual filing system or duplicating data (such as redrafting data). As more data are added to the automated data base, the effort involved in collecting, retrieving, and preparing data for entry into a solution process falls. In addition, once data are stored in an automated system, it need not be "refiled," so the costs of the store/file step (Figure IV-8) are avoided entirely.

The cost of data entry into an automated system decreases with time as data bases increase in size, and because digital data can take advantage of the analytical, manipulation, output, and data transfer capabilities of the computer. These capabilities remove the labor-intensive tasks associated with manual "re-entry". These manual tasks, on the other hand, increase over time as data filing, redrafting and reproduction efforts are duplicated. In addition, data collection/retrieval and data preparation costs rise with duplication of effort for the same data. Changes in scale, the media upon which it is displayed, map projection, a modified attribute scheme, and changes in level of detail by combining attributes can all be accomplished in substantially less time in the automated mode. Some of these tasks could not be efficiently performed at all using manual methods (imagine manually replotting a soils map at a projection which provides the most accurate area calculations for a resource area). As digital data are reused over time, the cost of data entry falls until eventually it crosses the curve representing data entry in a manual mode ($A=M$). Until this point (I), automated data entry is a cost. Following the intersection, it becomes a benefit (see Figure IV-3).

One other factor which contributes to decreasing data entry costs is that significantly more digital geographic data are becoming available from other, less expensive sources. These include Public Land Survey System coordinates, data from the Automated Land and Mineral Records System (ALMRS),



THE PROBLEM SOLVING PROCESS
FIGURE IV-8

terrain, transportation, hydrographic and surface cultural features from the US Geological Survey, census tracts with associated socio-economic data from the Census Bureau, and data from the numerous other agencies at all levels of government and in private industry.

Based on data entry cost figures provided by Wyoming and Colorado, and the interview findings on manual and automated data entry, the range generated for the 80 percent of all cases (excluding the high and low 10 percent) was determined to be 10 to 25 percent higher for automated data entry as opposed to manual data entry, in the current year (1985). This is the difference in the time required to enter data over the quantity of data required Figure IV-4a).

C. Results.

The total cost of initial data entry for each office was calculated by multiplying the current work-years spent on manual data entry by the 10 to 25 percent cost factor. This provides a range of initial data entry costs that do not include the variables described above that may influence total data entry costs.

The difference between the current and fully automated costs of data entry is presented in Table IV-4. The "Current Data Entry Costs" column represents the total amount of data entry activity that took place in the BLM in 1985 shown in work years and dollar costs. This activity includes some automated and mostly manual methods of data entry. These numbers were extracted from Spreadsheet A-2.

The cost of automated data entry is 10-25 percent higher than the manual equivalent until the time a comprehensive data base is available so that re-use of the digital data begins to show a benefit. In Table IV-4, the "Costs Using Automated Data Entry" columns show the range of work years and dollar costs of data entry in a fully automated mode. These numbers were computed by increasing the current effort by 10 and 25 percent respectively. Note that these costs represent the total cost after automation. The additional cost of automation can be computed by subtracting current costs from the automated costs. The additional cost of automated data entry for the entire BLM in 1985 is \$532,192 - \$1,330,480. This cost will decrease over the next few years until the re-use of the automated data begins to show a benefit.

Table IV-4
Total Work Years and Costs of Data Entry - 1985

State	<u>Current Data Entry Costs</u>		<u>Costs Using Automated Data Entry</u>			
	W/Y	\$	W/Y Low	W/Y High	\$ Low	\$ High
AK	7.25	232,000	7.98	9.06	255,200	290,000
AZ	4.90	156,800	5.39	6.13	172,480	196,000
CA	9.75	312,000	10.73	12.19	343,200	390,000
CO	13.05	417,600	14.36	16.31	459,360	522,000
ES	3.55	113,600	3.91	4.44	123,960	142,000
ID	15.90	508,800	17.49	19.88	559,680	636,000
MT	11.41	365,120	12.55	14.26	401,632	456,400
NV	17.15	548,800	18.87	21.44	603,680	686,000
NM	11.87	379,840	13.06	14.84	417,824	474,800
OR	36.07	1154,240	39.68	45.09	1269,664	1442,800
UT	13.36	427,520	14.70	16.70	470,272	534,400
WY	15.89	508,480	17.48	19.86	559,328	635,600
YA	6.16	197,120	6.78	7.70	216,832	246,400
Total	166.31	5,321,920	182.97	207.90	5,854,112	6,652,400

Chapter V: CONCLUSIONS

1. THE BOTTOM LINE

This section summarizes the results of the Automated Resource Requirements Study, and describes how the study will be used to determine what automated capabilities should be acquired in which BLM offices.

Overall, the study affirmed that:

- o Many of the work tasks performed by resource specialists and managers can be assisted through automation. Some 30 percent of the total time spent by employees doing resource management work is potentially automatable.
- o Automated capabilities are needed in virtually every Bureau office, though the capabilities and the volume of the workload vary among offices.
- o The anticipated benefits that would accrue from providing automated capabilities for resource management work are significant. Time savings alone could save up to \$64,649,600 annually by the year 1996 if the Bureau were to implement the automated capabilities described. While these savings may not actually accrue to the Bureau in terms of reduced personnel costs, it is more likely to result in increased productivity and redirection of personnel into professional work.

The data collected during the study are included in the Appendices. Spreadsheet A and Spreadsheet B are not included in the Final Report, but may be referenced in the Draft Report.

The functional requirements for each office, expressed in automated terms, is a required deliverable for AMS to begin systems configuration. The information used to arrive at these functional requirements for each office is displayed in Appendix A: Spreadsheet A in the Draft Report; and is summarized for each office in Spreadsheet A-2 (Appendix A). These are important data for each office.

Spreadsheet A-2 also displays the automated capabilities that would be required to meet those functional requirements. These numbers in Spreadsheet A-2 are expressed in work years required to presently accomplish the functional requirements, and only include the potentially automatable work years in resource management. The totals of these numbers are important for each office in assessing comparable needs for acquiring automated capabilities as the Bureau's systems are configured. Chapter II describes in detail the methodology used to derive these figures.

As described in Chapter III, the Bureau's system of describing workload in terms of units of accomplishment specific to each program is not entirely useful in determining relative workload among offices. Instead, this study has utilized the work performed by existing employees as the main indicator of relative workload and projected an increase of 3.5 percent compounded annually to 1996 (except Alaska which was projected to be around 9.5 percent compounded annually). This means we expect workload to increase, even though actual numbers of employees may not increase. Automation can help us accomplish this increased workload with the same or slightly increased workforce.

Finally, the benefits derived from automating the resource functions are described in Chapter IV. Appendix C, Spreadsheet C, portrays the direct time savings anticipated through automation for each office currently and in FY 1996. The less-quantifiable benefits were not calculated for each office, but were estimated to be in the range of \$59,402,000 to \$182,707,000 annually Bureauwide. These benefits generally represent costs avoided and improvements in our way of doing business that may not accrue if we continue our current work performance.

The maximum readily-quantifiable benefits described in Spreadsheet C as time savings, are summarized in Table V-1 for each office (located at the end of this chapter). Table V-1 shows the current number of work years spent doing resource management work in each office and projects how many work years would be required by FY 1996 to accomplish the projected increases in workload if BLM were to maintain its existing level of automation. Table V-1 also shows the current maximum time savings that could be accrued in resource management work and the projected maximum time savings that could be gained if BLM were to fully automate by FY 1996. These time savings were translated into dollar savings (Appendix C) for each office. The less-quantifiable benefits have not been included. Chapter IV describes the process used to arrive at all these numbers, as well as the data entry costs. The total benefits and costs are probably the most important criteria in system configuration and ultimately in actually acquiring automated capabilities in individual offices.

This study focuses on providing all of the information concerning benefits and some of the information concerning costs. This study, however, does not address all of the variables that should be considered in locating, configuring, and sizing automated capabilities in the Bureau.

This study estimated the costs of data entry by office location, in terms of the number of incremental additional work years and funding required to use automated data entry over and above manual costs (see Table IV-4 in Chapter IV). As described in Chapter IV, total system costs beyond the data entry variable will have to be determined by AMS in developing the Bureau's overall system configuration. These costs must include hardware and software purchase, system maintenance, site preparation, telecommunications, training, and system operation. Until an integrated, modernized Bureau system is configured, these costs cannot be determined.

Benefits were estimated in terms of workmonths and funding saved by office if automated capabilities were implemented. These benefits will be provided along with costs to AMS for incorporation into a benefit/cost analysis. No additional information on benefits will have to be provided by AMS for the resource functions performed.

Although the results of this study give the BLM a good preliminary estimate of where automated capabilities should be located, additional information should be considered in the ultimate decision. Some of this information must be provided by AMS and the remaining information must be provided by BLM management as the ADP Modernization Study continues.

The information generated from this study, coupled with information on costs from AMS, will be used to generate a benefit/cost ratio Bureauwide for each BLM office. The benefit/cost ratio per office should be used as the primary criteria for making decisions on where automated capabilities should be located, so long as the qualitative benefits (or less- quantitative benefits) are included in that ratio.

In addition to the benefit/cost ratio, field offices intending to automate for resource management should consider additional variables. These variables include the following:

- o resource management priorities
- o value of the resources present
- o characteristics of the land pattern
- o repetitive nature of work
- o activities mandated by law
- o quality or accuracy of the products required
- o use and life span of the products
- o current level of automation available

Table V-1 displays each BLM office included in the study, grouped by state. The State, District, and Area Offices are listed under each state. Each office beginning at the left margin is a unique, separate location. The offices listed with their names indented are co-located, i.e., physically located together. The office marked with a leading asterisk (*) is the primary office of the co-located offices. The rows marked "Co-Location Total" sum each column of the co-located offices. The organization codes for each office used in this study follow the office name. The 220 BLM offices included in the study are located at 142 sites. The data for co-located sites were adapted from the December 1985, ALMRS Alternatives Analysis prepared by FEDSIM. The state subtotals are listed at the end of each state's data.

The "Current Total Employees Working in Resources" column was derived from Table I-1 (Potential Users: Occupational Series and Titles) along with Table of Organization data for each respective office as of June 1986. This column includes the total number of personnel in each office doing resource management work, and, therefore, reflects the total possible work years performed in resource management work in each office. Full-time, permanent employees were counted as 1.0 employee, part-time permanent and full-time temporary employees (excluding seasonals and stay-in-schools) were counted as 0.5.

The "Maximum Current Annual Potential Time Savings" column was derived from Spreadsheet C (Appendix C). This is the maximum annual time savings in work years that could be accrued by automating BLM's current resources workload.

The "FY 96 Total Employees Working in Resources" column shows the number of employees working in resources that would be required to perform the projected increase in resources workload for FY 1996 if BLM does not automate. This does not mean that we would increase our work force by this number, but gives an indication of the relative increase in workload anticipated.

The "Maximum FY 96 Annual Potential Time Savings" column was derived from Spreadsheet C (Appendix C). This shows the total maximum annual work years that could be saved by automating the work functions described in this study in 1996. Subtracting this number from the "FY 96 Total Employees" column gives the total employees that would actually be required to perform the resources workload in FY 1996. This generally reflects a net increase in employees. This reflects the fact that automation would not result in employees "going out the door," but rather allows require a smaller increase in employees (or a level workforce) that could perform more work. When combined with the benefits of improved quality of work (less quantifiable benefits), the total benefits of automation can be appreciated.

The data in this table are only a part of the picture. Many other variables must be considered.

2. SYSTEMS CONFIGURATION

The conclusions described above and the Spreadsheets in the Appendices comprise the data required by AMS to complete the remainder of the ADP Modernization Study for BLM. However, some additional information and insights into the Bureau may be useful to AMS in recommending a configuration for the ADP hardware, software, and data communications needed for future systems.

A. Use of Maps.

Chapter I briefly described the existing systems used by the Bureau and the fact that we are starting from a partially automated base for resource management. Many of the systems being used and independently developed by individual programs for specific applications (RMAS, IHICS, AIRS, SLMS, etc.) utilize an alphanumeric data base that may only be indirectly tied to geographic coordinates on the ground. These data bases are an important piece of information for resource specialists to do their job in the field offices.

However, the vast majority of resource management work performed in the field makes use of maps in some form, often in combination with the alphanumeric data bases mentioned above. Using maps and analyzing the spatial relationships of data are a daily occurrences for most resource specialists and managers in BLM and is a vital component to conveying the work that is done to other specialists, management, public land users, and the general public. Therefore, any system that is configured for use by resource specialists in field offices must be georeferenced and have some analytical spatial graphic capability. Without the spatial graphic component, the alphanumeric data bases have only limited utility and applicability to the work performed in resource management.

B. System Accessibility.

From past experience, the Bureau has learned that systems with a delay factor between the expression of need and the delivery of data have not been utilized. Most of the work done on a day-to-day basis requires a quick (if not immediate) turnaround time for delivery of results. In being able to respond to walk-in public inquiries, short deadlines, and the need for immediate access of data, Bureau specialists require an automated capability that is easily accessible, offers quick turnaround times, and offers a clear advantage to digging out the information manually. Any system that does not offer these features will likely be under utilized by resource specialists and managers.

Such a system with quick and easy access also means a user-friendly and user-driven system is necessary. Minimum time should be required to learn how to use the system, and it should be clearly simplified to access the data needed for anticipated resource management work. Such a system would be characterized by sufficient flexibility to provide "pull-down" menus for easy recall, while still having the command structure available for experienced analysts who are performing complex analysis. Resource specialists in field offices should not have to rely on technical assistance to get the analysis and outputs they require on a daily basis, or should they have to rely on distant system access for their day-to-day workload.

Some less frequent, long-term, or unusually complex resource management tasks will still require technical assistance and access to alternative delivery systems. These tasks will likely require some linkage to local data bases already developed in field offices, either during the particular long-term task (such as land-use planning) or during subsequent analysis. AMS should consider this possibility when configuring a system to meet all or part of the automated capabilities needed for each BLM office.

The location of different elements of any future system must also take into consideration the cost and location of the technical expertise necessary for system maintenance, minor software development, revisions or debugging, and expertise to answer questions from specialists on analysis design for complex problems. This expertise must be accessible to each office where it is needed.

C. Systems Integration.

One of the major purposes of the ADP Modernization study is to reduce duplicative systems and to examine the potential of integrating data bases and system capabilities to the extent possible. The ALMRS Feasibility Study, which analyzed only the records functions performed by the Bureau and estimated the benefits and cost of developing an automated records system, looked at the costs of hardware and software to automate only that portion of the Bureau's workload.

As the records, resources, and administrative functions are viewed together for potential integration of systems, it is likely that much of the hardware needs described in detail by ALMRS could support the automated capabilities described for the resources (and maybe the administrative functions). In fact, as hardware costs are dropping, it is likely that the addition of the resources automated capabilities to an integrated system will not add an incremental cost to the hardware costs originally anticipated in the ALMRS Feasibility Study.

Similarly, since the software needed to provide for the records functions will have overlapping characteristics with the software needed for the resources functions, compatible software systems based on common operating systems are a necessity. The cost efficiencies of such a combined, integrated system should be examined in detail by AMS, since it will likely result in much less cost than two separately configured systems.

It is therefore extremely critical that AMS view all these automated capabilities as a whole and combine or assure networking and data base access wherever possible and cost effective. This is the LIS concept as currently viewed by BLM and is the driving rationale for examining all Bureau automated requirements under the common umbrella of the ADP Modernization Study.

D. System Sizing.

Determining the size and configuration of the computer systems needed by BLM will require information in addition to workmonths, specifically the amount of data that must be processed in each office. Although the number of workmonths allocated to using automated capabilities cannot provide enough information about system size, it can provide data on how often the system will be accessed. Together, this information should enable AMS to recommend system size and configuration, capacity of on-line disk space, and communications. Additionally, if this information is provided by automated capability, specialized capabilities such as georeferencing and electrostatic plotters can be identified.

This study only provides information on how often the system will be used for processing data by automated capability, leaving the quantity of data that must be processed an unknown. The quantity of data processed by each office can be estimated by using the number of workmonths allocated to each automated capability and measuring the demand that each capability places on an existing, known computer system. Measurements on the system would have to be conducted in a controlled environment using a representative sample of transactions for each automated capability. Since characteristics of the controlled environment would be known, these data could be used to estimate the quantity of data that is processed within each office.

Demand by automated capability would enable AMS to make recommendations concerning specialized hardware and software capabilities. Thus, a high demand for data entry may justify digitizing tablets or a high demand for generating map products may justify an electrostatic plotter. Total demand on the system could assist in determining the configuration and size of the system. In addition, data about the geographic distribution of workload and office co-location could enable AMS to develop optional scenarios for implementing computer facilities. For example, the work in each of three resource areas may not be great enough to justify a computer but their combined workload may justify a shared facility.

The demand for each office's computer facilities can be grouped into one of three classes: high, medium, or low. These classes should correspond to the size and configuration of the system. Ultimately, the size of a computer system will depend on the quantity of data processed and the complexity of the process.

The task required of AMS is to develop a method of determining data throughput and the demand for computer facilities by office. The BLM should provide computer facilities, analysts to execute the representative sample of transactions within each automated capability, technical assistance in selecting the transactions, and measurements of demands on the established computer system. In summary, once AMS determines the method, BLM will compile the information necessary to size and configure computer systems in BLM offices.

3. ADDITIONAL FINDINGS

In addition to the results described above, several other observations were made that would be of interest to BLM management and should be shared at this point. These findings result from the field interviews, discussions during the course of the study, and the combined expertise of the team members.

A. Program Coordination.

It became quite clear as the study progressed that a large number of resource specialists in the BLM spend enormous amounts of time doing "program coordination" work. This consists mainly of developing, justifying, adjusting, and tracking the Annual Work Plan (AWP) and various other program requirements. While this is clearly a function that needs to be performed and that can easily be assisted through automation, the sheer volume of time spent by resource specialists on this function is mind-boggling. Much of this work is vital--public outreach, interagency coordination, and development of

standard program requirements--but much of it is time that could perhaps be redirected into more productive work. It is recommended that the Bureau look closely at this workload and re-evaluate the effectiveness of excessive program coordination time and the possibility of utilizing microcomputers with spreadsheets, data base, and word-processing programs to reduce the time spent in program coordination.

B. Attitudes Toward Automation.

On the whole, BLM managers are very supportive of automation and can see the advantages of automating significant portions of their workload. However, some frustration exists in the field about how to actually translate that support into getting the right automated tools into the hands of the employees who need it the most.

Some employees expressed negative attitudes about automation and its applicability to resource management. This may be attributed to anxiety caused by their own lack of knowledge about automation, fear that "machines will replace people" in the future, or past experiences with automation that were real or perceived failures. Some resistance to automation may also be attributed to perceived high costs. In an era of reduced budgets, many managers find it difficult to swallow initial high costs for long-term reduced costs. This is not a unique situation for the BLM and must be seen as a management challenge for the agency.

Considerable support and enthusiasm was expressed for an integrated system that would allow access to both ALMRS data and resource information. Many specialists expressed frustration at not being able to use ALMRS data yet and were fearful that ALMRS would be configured as a separate system without linkage to GIS and other data bases. These findings confirm the need for the concept of LIS.

Management commitment to the utilization of automated technology is the paramount factor in successful implementation. This commitment means more than just passive support, but requires active efforts toward incorporating the benefits of automation into daily management activities. At the highest management level in BLM, policies are already being put in place to encourage the efficient and effective use of automation to do the job. As we are faced with reduced budgets, we cannot shrink from the challenge of funding automation up front that will ultimately help us do our job better at reduced cost. BLM must scrutinize the remaining institutional impediments to automation, including obsolete procurement policies, personnel skill mixes, and real cooperative efforts with other agencies to improve its their ability to get the job done.

C. New Blood.

One of the hidden perils of BLM's shrinking workforce and the resulting absence of new hires, is the fact that we are not bringing on recent college graduates into entry-level positions. Historically, these new hires have pushed the BLM into the future with new ideas and current methods of resource management. Without this "new blood," we do not have employees that take automated resource management techniques and GIS for granted. This is an important consideration in assessing future training needs for on-board personnel, assessing the validity of existing resource management techniques, and evaluating employee attitudes about automation.

This is not to imply that on-board BLM personnel are ADP illiterate. On the contrary, BLM is the leader among federal resource management agencies in the use of GIS and is making significant advances in the development and use of other automated systems. However, this use is inconsistent Bureauwide and depends on the individual initiative of a cadre of innovative employees rather than on agencywide support and direction. Successful integration of automation into the Bureau's decision making process will require a shift in management thinking about automation, shifts in personnel expertise, and increased training for on-board personnel.

D. Inventory.

FLPMA requires BLM to periodically and systematically inventory public land and resources and to keep that inventory current. Significant time, energy, and money are spent on inventory efforts. The Study Team observed that inventory results are frequently lost, damaged, "pigeon-holed," forgotten, discredited, or ignored in the field. Few field offices have a systematic method to manage their inventory and assure its availability. What is done with the results of the inventories is a critical issue for BLM and one in which automation can and should perform a significant role.

The access, maintenance, control, coordination, and sharing of inventory data--data management--must be considered as important as the collection of the data in the first place. If we place any value on the resources we are managing and the inventory we collect to describe those resources, we must place an equally high value on data access and management.

E. The Information Age.

BLM's role as an information broker will increase over the coming years. Demands on the public lands will increase. The value of the public land resources and the lands themselves will increase, putting more and more pressure on BLM to maintain accurate data and be able to easily access and distribute it. Our legal obligation to collect and maintain inventories on the public lands will result in larger and more diverse data bases. Expectations of the public and other agencies to access these data bases and provide information will increase. This will require BLM to work toward establishing data standards to facilitate exchange of data among BLM offices and with other agencies.

As we are increasingly challenged in the courts, documentation of our decision making processes will be required more frequently. We will increasingly need to justify resource decisions and utilize logical and systematic techniques to make them. We will be called on to resolve more environmental conflicts, make more defensible decisions, and monitor and enforce compliance with increasingly complex stipulations.

All of this points to future work processes reliant on automated systems. If we are not prepared to meet these challenges, we shall devote more and more of our employees' time on information processing rather than on resource management. It's our choice.

TABLE V - 1

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
<hr/>					
Alaska					
Alaska State Office	AK-900	237.5	46.3	593.8	123.6
Alaska Fire Service	AK-300	17.0	1.8	42.5	5.0
* Anchorage DO	AK-010	50.5	12.8	126.3	32.6
McGrath RA	AK-018	12.5	1.3	31.3	3.5
Peninsula RA	AK-016	11.0	.5	27.5	1.2
Co-Location Total		(74.0)	(14.6)	(185.1)	(37.3)
Glennallen RA	AK-017	7.0	.9	17.5	2.4
* Fairbanks DO	AK-020	94.0	2.7	235.0	7.6
Arctic RA	AK-029	12.0	.9	30.0	2.5
Northwest RA	AK-026	11.0	1.1	27.5	2.9
Yukon RA	AK-028	18.0	2.3	45.0	6.2
Co-Location Total		(135.0)	(7.0)	(337.5)	(19.2)
State Subtotal		420.5	70.6	1176.4	187.3

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
<hr/>					
Arizona ¹					
Arizona State Office	AZ-900	68.5	9.2	96.6	13.2
Arizona Strip DO	AZ-010	18.0	6.8	25.4	10.3
* Vermillion RA	AZ-015	9.5	3.7	13.4	5.6
Shivwits RA	AZ-014	9.5	3.9	13.4	6.0
Dixie RA (Utah)	UT-047	9.0	3.6	12.7	5.5
Co-Location Total		(19.0)	(11.2)	(39.5)	(17.1)
* Phoenix DO	AZ-020	30.0	7.0	42.3	10.3
Lower Gila RA	AZ-027	13.0	2.5	18.3	3.7
Phoenix RA	AZ-025	15.5	3.6	21.2	5.3
Co-Location Total		(58.5)	(13.1)	(81.8)	(19.3)
Kingman RA	AZ-026	19.0	3.1	26.8	4.5
* Safford DO	AZ-040	19.0	4.0	26.8	6.0
San Simon RA	AZ-045	12.0	2.0	16.9	3.1
Gila RA	AZ-044	12.0	2.2	16.9	3.3
Co-Location Total		(43.0)	(8.2)	(60.6)	(12.4)
* Yuma DO	AZ-050	15.0	3.5	21.2	5.2
Yuma RA	AZ-055	6.0	1.6	8.5	2.5
Co-Location Total		(21.0)	(5.1)	(29.7)	(7.7)
Havasupai RA	AZ-054	8.0	1.7	11.3	2.5
State Subtotal		255.0	54.8	360.6	81.4

¹ = The Arizona totals do not include the Dixie RA office, which is co-located in Arizona but administered through the Utah State Office.

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
California					
California State Office	CA-900	138.5	24.8	195.3	35.6
Bakersfield DO	CA-010	38.0	6.9	53.6	11.0
Bishop RA	CA-017	8.0	1.8	11.3	2.7
Caliente RA	CA-016	11.0	2.5	15.5	3.8
Folsom RA	CA-018	15.5	3.0	21.9	4.6
Hollister RA	CA-019	9.5	1.7	13.4	2.6
Susanville DO	CA-020	21.5	6.8	30.3	10.7
Eagle Lake RA	CA-026	12.5	5.4	17.6	8.1
Surprise RA	CA-028	10.0	4.0	14.1	6.1
Alturas RA	CA-027	11.0	4.4	15.5	6.7
* Ukiah DO	CA-050	21.5	4.5	30.3	6.9
Clear Lake RA	CA-058	8.5	1.6	12.0	2.6
Co-Location Total		(41.0)	(6.1)	(42.3)	(9.5)
Arcata RA	CA-056	12.0	2.8	16.9	4.0
Redding RA	CA-059	23.0	4.4	32.4	6.6
California Desert DO	CA-060	43.0	6.5	60.6	10.1
El Centro RA	CA-067	14.0	2.2	19.7	3.2
Barstow RA	CA-068	18.5	3.0	26.1	4.4
Indio RA	CA-066	10.5	2.4	14.8	3.5
Needles RA	CA-069	13.5	2.3	19.0	3.4
Ridgecrest RA	CA-065	17.5	2.9	24.7	4.4
State Subtotal		465.5	94.1	656.4	141.0

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
Colorado					
Colorado State Office	CO-900	194.5	101.7	274.2	154.4
Canon City DO	CO-050	24.5	5.8	34.5	8.6
Northeast RA	CO-058	4.0	.8	5.6	1.4
San Luis RA	CO-056	8.0	.6	11.3	1.0
Royal Gorge RA	CO-057	15.0	2.6	21.2	4.0
* Craig DO	CO-010	42.0	12.7	59.2	18.9
Little Snake RA	CO-016	22.0	5.2	31.0	7.8
Co-Location Total		(64.0)	(17.9)	(90.2)	(26.7)
Kremmling RA	CO-018	13.0	2.7	18.3	3.9
White River RA	CO-017	28.0	6.8	39.5	9.9
* Grand Junction DO	CO-070	29.0	6.4	40.9	9.7
Grand Junction RA	CO-076	23.0	4.8	32.4	7.3
Co-Location Total		(52.0)	(13.2)	(73.3)	(17.0)
Glenwood Springs RA	CO-077	13.0	2.8	18.3	4.1
* Montrose DO	CO-030	27.0	5.2	38.1	7.6
Uncompahgre RA	CO-036	22.0	3.9	31.0	5.8
Co-Location Total		(49.0)	(9.1)	(69.1)	(13.4)
Gunnison Basin RA	CO-037	12.0	1.8	16.9	2.7
San Juan RA	CO-038	23.5	6.0	33.1	9.1
State Subtotal		500.5	101.7	705.7	154.4
Denver Service Center		32.0	14.1	45.1	25.1

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
<hr/> Eastern States					
Eastern States Office	ES-900	106.5	30.5	150.2	45.4
Jackson DO	ES-020	30.0	8.7	42.3	12.6
Milwaukee DO	ES-030	<u>35.0</u>	<u>7.0</u>	<u>49.4</u>	<u>10.2</u>
State Subtotal		171.5	46.2	241.8	68.2

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
Idaho					
Idaho State Office	ID-900	75.5	21.0	106.5	32.6
* Boise DO	ID-010	34.5	11.5	48.6	17.7
Cascade RA	ID-016	11.5	4.3	16.2	6.4
Owyhee RA	ID-017	12.0	4.5	16.9	7.0
Bruneau RA	ID-018	11.0	3.7	15.5	5.6
Jarbidge RA	ID-019	10.0	3.3	14.1	5.2
Co-Location Total		(79.0)	(27.3)	(101.3)	(41.9)
* Burley DO	ID-020	12.0	4.2	16.9	6.6
Snake River RA	ID-025	10.0	4.1	14.1	6.2
Co-Location Total		(22.0)	(8.3)	(30.0)	(12.8)
Deep Creek RA	ID-029	6.0	2.1	8.5	3.2
* Coeur d'Alene DO	ID-060	14.5	3.7	20.4	5.6
Emerald Empire RA	ID-066	9.5	1.8	13.4	2.5
Co-Location Total		(24.0)	(5.5)	(33.8)	(8.1)
Cottonwood RA	ID-067	10.0	2.2	14.1	3.1
* Idaho Falls DO	ID-030	20.5	7.3	28.9	7.3
Big Butte RA	ID-036	6.0	2.4	8.5	3.7
Medicine Lodge RA	ID-037	6.0	2.1	8.5	3.2
Co-Location Total		(32.5)	(11.8)	(45.9)	(14.2)
Pocatello RA	ID-039	9.0	2.9	12.7	4.5
* Salmon DO	ID-040	16.5	5.1	23.3	7.9
Lemhi RA	ID-048	11.0	3.9	15.5	6.0
Challis RA	ID-046	9.0	3.5	12.7	5.4
Co-Location Total		(36.5)	(12.5)	(51.5)	(19.3)
* Shoshone DO	ID-050	18.0	6.0	25.4	9.4
Monument RA	ID-056	8.0	3.3	11.3	5.0
Bennett Hills RA	ID-057	8.0	3.3	11.3	5.2
Co-Location Total		(34.0)	(12.6)	(48.0)	(19.6)
State Subtotal		328.5	105.9	463.2	162.9

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
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Montana					
Montana State Office	MT-900	121.0	32.7	170.6	49.6
* Butte DO	MT-070	27.5	8.4	38.8	13.4
Headwaters RA	MT-076	11.0	1.8	15.5	2.8
Co-Location Total		(38.5)	(10.2)	(54.3)	(16.2)
Dillon RA	MT-077	17.0	6.0	24.0	9.1
Garnet RA	MT-075	16.0	2.6	22.6	2.9
Miles City DO	MT-020	35.0	7.6	49.4	11.4
* Big Dry RA	MT-025	16.0	2.9	22.6	4.4
Powder River RA	MT-026	15.0	2.1	21.2	3.2
Co-Location Total		(31.0)	(5.0)	(43.8)	(7.6)
South Dakota RA	MT-027	6.0	1.3	8.5	2.0
Billings RA	MT-028	10.0	1.8	14.1	2.7
Dickinson DO	MT-030	24.0	4.2	33.8	6.3
* Lewistown DO	MT-060	47.0	9.2	66.3	13.7
Judith RA	MT-069	9.0	.9	12.7	1.4
Co-Location Total		(56.0)	(10.1)	(79.0)	(15.1)
Phillips RA	MT-066	10.0	1.0	14.1	1.5
Havre RA	MT-067	11.0	1.5	15.5	2.2
Valley RA	MT-065	8.0	.6	11.3	.9
Great Falls RA	MT-068	12.5	2.2	17.6	3.3
State Subtotal		396.0	86.6	558.4	131.7

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
Nevada					
Nevada State Office	NV-900	91.0	20.1	128.3	30.2
* Battle Mountain DO	NV-060	22.5	6.1	31.8	9.3
Shoshone-Eureka RA	NV-066	14.0	5.3	19.7	8.3
Co-Location Total		(36.5)	(11.4)	(50.5)	(17.6)
Tonopah RA	NV-067	14.5	5.7	20.5	8.7
* Carson City DO	NV-030	25.0	7.4	35.3	11.4
Lahontan RA	NV-036	14.0	4.5	19.7	6.8
Walker RA	NV-037	10.0	4.4	14.1	6.7
Co-Location Total		(49.0)	(16.3)	(69.1)	(24.9)
* Elko DO	NV-010	27.5	9.3	38.8	14.2
Elko RA	NV-016	18.0	7.0	25.4	10.9
Wells RA	NV-017	18.5	7.3	26.1	11.3
Co-Location Total		(64.0)	(23.6)	(90.3)	(36.4)
* Ely DO	NV-040	21.0	7.1	29.6	10.4
Egan RA	NV-046	14.5	5.4	20.5	8.3
Schell RA	NV-047	13.5	5.2	19.0	8.1
Co-Location Total		(49.0)	(17.7)	(69.1)	(26.8)
Las Vegas DO	NV-050	23.0	3.2	32.4	5.1
Stateline-Esmeralda RA	NV-056	22.5	4.5	31.7	6.5
Caliente RA	NV-057	13.0	5.2	18.3	8.0
* Winnemucca DO	NV-020	18.0	5.4	25.4	8.1
Paradise-Denio RA	NV-026	17.0	6.6	24.0	10.2
Sonoma-Gerlach RA	NV-027	16.0	5.9	22.6	8.9
Co-Location Total		(51.0)	(17.9)	(72.0)	(27.2)
State Subtotal		413.5	125.4	583.0	191.4

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
<hr/>					
New Mexico					
New Mexico State Office	NM-900	129.0	33.8	181.9	51.1
Albuquerque DO	NM-010	46.5	13.1	65.6	19.5
Rio Puerco RA	NM-017	25.0	5.6	35.3	8.6
Farmington RA	NM-016	65.0	12.8	91.7	19.1
Taos RA	NM-018	15.5	2.6	21.9	4.1
* Las Cruces DO	NM-030	26.5	5.3	37.4	7.8
Las Cruces/ Lordsburg RA	NM-036	16.5	2.2	23.3	3.5
White Sands RA	NM-037	16.5	2.7	23.3	4.1
Co-Location Total		(59.5)	(10.2)	(46.6)	(15.4)
Socorro RA	NM-038	27.5	4.6	38.8	7.0
Tulsa DO	NM-040	21.0	3.9	29.6	5.7
Oklahoma RA	NM-047	17.0	1.5	24.0	2.1
Roswell DO	NM-060	37.0	5.4	52.2	8.0
Roswell RA	NM-066	27.0	4.2	38.1	6.4
Carlsbad RA	NM-067	43.0	7.6	60.6	11.5
State Subtotal		513.0	105.4	723.3	158.6

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
Oregon					
Oregon State Office	OR-900	165.0	47.3	232.7	75.1
* Burns DO	OR-020	20.5	6.2	28.9	9.2
Three Rivers RA	OR-025	17.0	6.5	24.0	9.9
Andrews RA	OR-028	7.0	3.1	9.9	4.7
Co-Location Total		(44.5)	(15.8)	(62.8)	(23.8)
* Coos Bay DO	OR-120	34.5	5.8	48.6	9.1
Myrtlewood RA	OR-129	30.0	3.7	42.3	5.9
Tioga RA	OR-124	26.5	1.7	37.4	2.6
Umpqua RA	OR-125	28.0	4.1	39.5	6.3
Co-Location Total		(119.0)	(15.3)	(167.8)	(23.9)
* Eugene DO	OR-090	41.5	8.7	58.5	13.4
Noti RA	OR-096	24.0	5.6	33.8	8.1
Dorena RA	OR-097	22.0	3.9	31.0	6.0
Mohawk RA	OR-098	22.5	4.4	31.7	6.8
Co-Location Total		(110.0)	(22.6)	(155.0)	(34.3)
Lorane RA	OR-099	25.0	3.6	35.3	5.5
* Lakeview DO	OR-010	16.0	5.1	22.6	7.6
Warner Lake RA	OR-017	5.0	2.3	7.1	3.5
High Desert RA	OR-018	5.0	2.0	7.1	2.9
Co-Location Total		(26.0)	(13.0)	(36.8)	(19.5)
Klamath Falls RA	OR-016	5.0	1.5	7.1	2.2
* Medford DO	OR-110	52.5	10.6	74.0	16.6
Klamath RA	OR-114	38.5	4.4	54.3	7.0
Butte Falls RA	OR-115	29.5	2.6	41.6	3.9
Jacksonville RA	OR-116	34.5	6.6	48.6	10.3
Grants Pass RA	OR-117	40.5	6.8	57.1	10.5
Glendale RA	OR-118	35.0	4.0	49.4	6.6
Co-Location Total		(230.5)	(35.0)	(325.0)	(54.9)

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
Oregon (cont'd)					
* Prineville DO	OR-050	20.5	8.0	28.9	11.6
Central Oregon RA	OR-056	7.0	2.6	9.9	3.9
Deschutes RA	OR-057	8.5	2.5	12.0	3.7
Co-Location Total		(36.0)	(13.1)	(50.8)	(19.2)
* Roseburg DO	OR-100	38.0	7.6	53.6	11.5
North Umpqua RA	OR-106	24.5	1.9	34.5	2.8
South Umpqua RA	OR-107	25.0	2.5	35.3	4.1
Dillard RA	OR-108	25.0	4.4	35.3	7.0
Drain RA	OR-109	25.0	3.4	35.3	5.4
Co-Location Total		(138.0)	(19.4)	(193.9)	(30.8)
* Salem DO	OR-080	45.0	7.1	63.5	10.8
Santiam RA	OR-085	18.0	3.8	25.4	5.9
Alsea RA	OR-086	22.0	4.6	31.0	7.1
Yamhill RA	OR-088	18.0	3.4	25.4	4.9
Clackamas RA	OR-089	19.0	4.0	26.8	5.8
Co-Location Total		(122.0)	(22.9)	(172.1)	(34.5)
Tillamook RA	OR-087	19.0	4.0	26.8	6.2
* Spokane DO	OR-130	15.5	3.9	21.9	5.9
Border RA	OR-137	30.0	1.6	42.3	2.5
Co-Location Total		(45.5)	(4.5)	(64.2)	(8.4)
Wenatchee RA	OR-136	5.5	.9	7.8	1.4
* Vale DO	OR-030	25.5	8.7	36.0	13.0
N. Malheur RA	OR-036	10.0	2.8	14.1	4.1
S. Malheur RA	OR-037	10.0	4.1	14.1	6.3
Co-Location Total		(45.5)	(15.6)	(64.2)	(23.4)
Baker RA	OR-035	19.0	6.3	26.8	9.6
State Subtotal		1133.5	238.5	1598.2	336.8

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
Utah ²					
Utah State Office	UT-900	98.0	26.8	138.2	39.2
* Salt Lake DO	UT-020	17.0	6.4	24.0	9.4
Bear River RA	UT-026	10.0	4.0	14.1	6.0
Pony Express RA	UT-027	13.0	4.8	18.3	7.3
Co-Location Total		(40.0)	(15.2)	(58.4)	(22.7)
Cedar City DO	UT-040	23.0	8.7	32.4	13.1
Kanab RA	UT-048	12.0	4.7	16.9	7.2
Escalante RA	UT-049	6.0	2.3	8.5	3.5
Beaver River RA	UT-046	12.0	2.8	16.9	4.1
Richfield DO	UT-050	22.0	7.4	31.0	11.0
* Warm Springs RA	UT-057	13.0	4.8	18.3	7.4
House Range RA	UT-056	11.0	4.3	15.5	6.4
Co-Location Total		(24.0)	(9.1)	(33.8)	(13.8)
Henry Mountain RA	UT-059	10.0	4.2	14.1	6.5
Sevier River RA	UT-058	10.0	4.2	14.1	6.5
Moab DO	UT-060	32.0	9.6	45.1	14.2
San Juan RA	UT-069	17.0	2.8	24.0	4.2
Grand RA	UT-068	13.5	2.4	19.0	3.7
* Price River RA	UT-066	11.0	2.3	15.5	3.7
San Rafael RA	UT-067	13.0	3.1	18.3	4.7
Co-Location Total		(24.0)	(5.4)	(33.8)	(8.4)
* Vernal DO	UT-080	25.0	5.2	35.3	7.8
Diamond Mt. RA	UT-086	15.0	2.5	21.2	3.8
Book Cliffs RA	UT-087	14.0	2.3	19.7	3.5
Co-Location Total		(54.0)	(10.0)	(76.2)	(15.1)
State Subtotal		406.5	122.5	573.2	178.9

² The Utah totals include the Dixie RA office, which is co-located in Arizona but administered through the Utah State Office.

TABLE V - 1 (cont'd)

Summary of Results
All results shown in work years

Offices	Org. Code	Current Total Empl. in Resources	Max. Current Annual Potential Time Savings	FY96 Total Empl. in Resources	Max. FY96 Annual Potential Time Savings
Wyoming					
Wyoming State Office	WY-900	142.5	31.9	200.2	48.3
Casper DO	WY-060	54.5	18.9	76.8	29.2
Platte River RA	WY-062	21.0	5.0	29.6	7.5
Buffalo RA	WY-061	18.5	3.8	26.1	5.7
Newcastle RA	WY-063	14.0	3.1	19.7	4.5
Rawlins DO	WY-030	61.0	18.3	86.0	27.0
* Divide RA	WY-032	19.5	3.9	27.5	6.0
Medicine Bow RA	WY-033	15.5	2.5	21.9	3.9
Co-Location Total		(35.0)	(6.4)	(49.4)	(9.9)
Lander RA	WY-031	26.0	6.1	36.7	9.0
Rock Springs DO	WY-040	55.5	14.6	78.3	21.7
Green River RA	WY-045	30.0	5.6	42.3	8.3
Kemmerer RA	WY-042	18.5	3.3	26.1	5.0
Pinedale RA	WY-041	12.0	2.0	16.9	3.0
* Worland DO	WY-010	47.5	9.6	67.0	14.5
Grass Creek RA	WY-011	11.5	2.1	16.2	3.2
Washakie RA	WY-012	10.5	1.8	14.8	2.8
Co-Location Total		(69.5)	(13.5)	(98.0)	(20.5)
Cody RA	WY-013	10.0	1.9	14.1	3.0
State Subtotal		567.5	134.2	800.2	202.6
TOTAL FOR ALL BLM					
		5603.5	1295.8	8485.5	2020.3

Appendix A
Functions

APPENDIX A

This Appendix contains Spreadsheet A-2: Functions Summary and Automated Capabilities, which displays the conversion of the work functions described for each office into the automated capabilities that would be required to perform those functions.

Spreadsheet A is not included in this Final. Several errors in the calculations were discovered during the review process. Attempts to correct these errors showed only miniscule differences in the calculations presented in the Draft. Since the document was intended only to define the "ball park" of functional requirements and automatable capabilities for each office, and because of the law of compensating errors, it was determined that fully recalculating and publishing Spreadsheet A was unnecessary. The data provided in Spreadsheet A stands as published in the Draft until such time that BLM needs to look at individual offices' proposed system purchases.

Chapter II, Functions and Automated Capabilities, describes the methodology that was used to arrive at the numbers in both spreadsheets. The following describes of the table and the mathematics used to arrive at each column. This description should be used as a reference to the spreadsheet and should be read carefully before drawing conclusions from the data presented.

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ALASKA

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNC.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
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** SUMMARY FOR OFFICE AK-010

AK-010	1 Locate Resource	3.42	0.00	3.42	0.00	0.00	0.00
AK-010	2 Map Resource	0.51	0.20	0.05	0.00	0.23	0.03
AK-010	3 Measure Resource	1.92	0.00	0.19	1.54	0.19	0.00
AK-010	4 Identify Conflicts/High Interest	4.89	0.00	0.73	3.42	0.73	0.00
AK-010	5 Map Conflicts	0.08	0.00	0.01	0.00	0.06	0.00
AK-010	6 Measure the Conflicts	0.70	0.00	0.10	0.53	0.07	0.00
AK-010	7 Identify Locations/Alternatives	1.00	0.00	0.10	0.70	0.20	0.00
AK-010	8 Maintain and Update	0.10	0.04	0.05	0.01	0.01	0.01
AK-010	9 Store and Retrieve	1.93	0.00	1.25	0.00	0.39	0.29
AK-010	10 Monitor/Compliance	0.07	0.00	0.01	0.05	0.01	0.00
AK-010	12 Distribute	0.16	0.00	0.02	0.00	0.03	0.11
AK-010	13 Draft	0.10	0.05	0.01	0.00	0.03	0.00
** Subtotal **		14.88	0.30	5.94	6.25	1.95	0.44

** SUMMARY FOR OFFICE AK-016

AK-016	2 Map Resource	0.06	0.02	0.01	0.00	0.03	0.00
AK-016	3 Measure Resource	0.10	0.00	0.01	0.00	0.01	0.00
AK-016	4 Identify Conflicts/High Interest	0.10	0.00	0.01	0.07	0.01	0.00
AK-016	8 Maintain and Update	0.03	0.01	0.01	0.00	0.00	0.00
AK-016	9 Store and Retrieve	0.28	0.00	0.15	0.00	0.06	0.04

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ALASKA

OFFICE FUNC. CODE NO. OF FUNCTION	DESCRIPTION	TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER		
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y			
** Subtotal **													
** SUMMARY FOR OFFICE AK-017													
AK-017	1 Locate Resource	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AK-017	2 Map Resource	0.09	0.04	0.09	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.00	
AK-017	3 Measure Resource	0.28	0.00	0.00	0.03	0.22	0.00	0.03	0.00	0.00	0.00	0.00	
AK-017	4 Identify Conflicts/High Interest	0.14	0.00	0.00	0.02	0.10	0.00	0.02	0.00	0.00	0.00	0.00	
AK-017	7 Identify Locations/Alternatives	0.05	0.00	0.00	0.01	0.03	0.00	0.01	0.00	0.00	0.00	0.00	
AK-017	8 Maintain and Update	0.10	0.04	0.04	0.05	0.01	0.00	0.01	0.01	0.00	0.01	0.01	
AK-017	9 Store and Retrieve	0.36	0.00	0.00	0.23	0.00	0.00	0.07	0.00	0.05	0.00	0.05	
AK-017	10 Monitor/Compliance	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
** Subtotal **													
		1.10	0.08	0.42	0.37	0.16	0.06						
** SUMMARY FOR OFFICE AK-018													
AK-018	1 Locate Resource	0.31	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AK-018	2 Map Resource	0.27	0.11	0.03	0.00	0.00	0.00	0.12	0.01	0.00	0.01	0.00	
AK-018	3 Measure Resource	0.08	0.00	0.01	0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	
AK-018	4 Identify Conflicts/High Interest	0.04	0.00	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	
AK-018	5 Map Conflicts	0.12	0.00	0.02	0.00	0.00	0.00	0.10	0.01	0.00	0.01	0.00	
AK-018	7 Identify Locations/Alternatives	0.11	0.00	0.01	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.00	
AK-018	8 Maintain and Update	0.25	0.10	0.11	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01	
AK-018	9 Store and Retrieve	0.48	0.00	0.31	0.00	0.00	0.00	0.10	0.00	0.07	0.00	0.07	

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ALASKA

OFFICE FUNK. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
AK-010	10 Monitor/Compliance	0.02	0.00	0.01	0.00
AK-010	11 Reformat	0.02	0.00	0.01	0.00
** Subtotal **		1.70	0.21	0.20	0.10
** SUMMARY FOR OFFICE AK-020					
AK-020	1 Locate Resource	0.06	0.00	0.00	0.00
AK-020	2 Map Resource	1.40	0.56	0.00	0.07
AK-020	3 Measure Resource	0.32	0.00	0.26	0.00
AK-020	4 Identify Conflicts/High Interest	0.05	0.00	0.03	0.00
AK-020	5 Map Conflicts	0.08	0.00	0.00	0.00
AK-020	6 Measure the Conflicts	0.22	0.00	0.17	0.00
AK-020	7 Identify Locations/Alternatives	0.28	0.00	0.20	0.00
AK-020	8 Maintain and Update	0.04	0.02	0.00	0.00
AK-020	9 Store and Retrieve	0.69	0.00	0.00	0.13
AK-020	10 Monitor/Compliance	0.07	0.00	0.05	0.00
AK-020	11 Reformat	0.06	0.01	0.02	0.00
AK-020	12 Distribute	0.24	0.00	0.00	0.17
AK-020	13 Draft	0.10	0.06	0.00	0.00
** Subtotal **		3.81	0.65	0.73	0.37
** SUMMARY FOR OFFICE AK-026					
AK-026	2 Map Resource	0.13	0.05	0.00	0.01

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ALASKA

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
AK-026	3 Measure Resource	0.54	0.00		0.05		0.43		0.05		0.00	0.00
AK-026	4 Identify Conflicts/High Interest	0.18	0.00		0.03		0.13		0.03		0.00	0.00
AK-026	7 Identify Locations/Alternatives	0.02	0.00		0.00		0.01		0.00		0.00	0.00
AK-026	8 Maintain and Update	0.04	0.02		0.02		0.00		0.00		0.00	0.00
AK-026	9 Store and Retrieve	0.42	0.00		0.27		0.00		0.00		0.00	0.00
AK-026	10 Monitor/Compliance	0.01	0.00		0.00		0.01		0.00		0.00	0.00
AK-026	11 Reformat	0.01	0.00		0.00		0.00		0.00		0.00	0.00
AK-026	12 Distribute	0.01	0.00		0.00		0.00		0.00		0.01	0.01
** Subtotal **		1.36	0.07		0.36		0.58		0.22		0.00	0.00
** SUMMARY FOR OFFICE AK-028												
AK-028	1 Locate Resource	0.31	0.00		0.31		0.00		0.00		0.00	0.00
AK-028	2 Map Resource	0.37	0.15		0.04		0.00		0.17		0.02	0.02
AK-028	3 Measure Resource	0.51	0.00		0.05		0.41		0.05		0.00	0.00
AK-028	4 Identify Conflicts/High Interest	0.16	0.00		0.02		0.11		0.02		0.00	0.00
AK-028	7 Identify Locations/Alternatives	0.11	0.00		0.01		0.08		0.02		0.00	0.00
AK-028	8 Maintain and Update	0.25	0.10		0.11		0.01		0.01		0.01	0.01
AK-028	9 Store and Retrieve	1.15	0.00		0.75		0.00		0.23		0.17	0.17
AK-028	10 Monitor/Compliance	0.07	0.00		0.01		0.05		0.01		0.00	0.00
AK-028	11 Reformat	0.02	0.00		0.01		0.01		0.00		0.00	0.00
** Subtotal **		2.95	0.25		1.31		0.67		0.51		0.20	0.20

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ALASKA

OFFICE FUNC. DESCRIPTION		TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER				
CODE NO.	OF FUNCTION	W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
** SUMMARY FOR OFFICE AK-029						
AK-029	1 Locate Resource	0.02	0.00	0.02	0.00	0.00
AK-029	2 Map Resource	0.24	0.10	0.02	0.00	0.11
AK-029	3 Measure Resource	0.14	0.00	0.01	0.11	0.01
AK-029	4 Identify Conflicts/High Interest	0.23	0.00	0.03	0.16	0.03
AK-029	5 Map Conflicts	0.01	0.00	0.00	0.00	0.01
AK-029	7 Identify Locations/Alternatives	0.04	0.00	0.00	0.03	0.01
AK-029	8 Maintain and Update	0.15	0.06	0.07	0.01	0.01
AK-029	9 Store and Retrieve	0.33	0.00	0.21	0.00	0.07
AK-029	11 Reformat	0.04	0.00	0.01	0.01	0.01
AK-029	13 Draft	0.04	0.02	0.00	0.00	0.01
** Subtotal **		1.24	0.16	0.37	0.32	0.27
** SUMMARY FOR OFFICE AK-300						
AK-300	2 Map Resource	0.57	0.23	0.06	0.00	0.26
AK-300	9 Store and Retrieve	0.56	0.00	0.36	0.00	0.11
AK-300	10 Monitor/Compliance	1.12	0.06	0.22	0.73	0.11
AK-300	11 Reformat	0.15	0.01	0.05	0.05	0.02
** Subtotal **		2.40	0.30	0.69	0.76	0.50
** SUMMARY FOR OFFICE AK-900						
AK-900	1 Locate Resource	2.27	0.00	2.27	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ALASKA

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	W/Y	CAPABILITY	W/Y	CAPABILITY	W/Y	CAPABILITY	W/Y	CAPABILITY	W/Y	CAPABILITY
AK-900	2	Map Resource	9.33	3.73	0.93	0.00	4.20	0.47				
AK-900	3	Measure Resource	25.87	0.00	2.59	20.70	2.59	0.00				
AK-900	4	Identify Conflicts/High Interest	0.06	0.00	0.01	0.04	0.01	0.00				
AK-900	5	Map Conflicts	0.05	0.00	0.01	0.00	0.04	0.00				
AK-900	6	Measure the Conflicts	0.60	0.00	0.09	0.45	0.06	0.00				
AK-900	7	Identify Locations/Alternatives	0.15	0.00	0.01	0.10	0.03	0.00				
AK-900	8	Maintain and Update	0.54	0.22	0.24	0.03	0.03	0.03				
AK-900	9	Store and Retrieve	7.31	0.00	4.75	0.00	1.46	1.10				
AK-900	10	Monitor/Compliance	0.93	0.05	0.19	0.60	0.09	0.00				
AK-900	11	Reformat	10.96	1.10	3.84	3.84	1.64	0.55				
AK-900	12	Distribute	0.03	0.00	0.00	0.00	0.01	0.02				
AK-900	13	Draft	0.15	0.00	0.01	0.00	0.05	0.00				
** Subtotal **												
			58.25	5.16	14.94	25.76	10.21	2.17				
*** Total ***												
			88.26	7.25	26.06	35.61	15.41	3.65				

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ARIZONA

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
			W/Y PER FUNC.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y

** SUMMARY FOR OFFICE AZ-010

AZ-010	1	Locate Resource	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
AZ-010	2	Map Resource	1.29	0.52	0.13	0.00	0.58	0.58	0.06	0.06
AZ-010	3	Measure Resource	0.46	0.00	0.05	0.37	0.05	0.05	0.00	0.00
AZ-010	4	Identify Conflicts/High Interest	0.19	0.00	0.03	0.13	0.03	0.03	0.00	0.00
AZ-010	5	Map Conflicts	0.10	0.00	0.01	0.00	0.00	0.00	0.01	0.01
AZ-010	6	Measure the Conflicts	0.27	0.00	0.04	0.20	0.03	0.03	0.00	0.00
AZ-010	7	Identify Locations/Alternatives	0.22	0.00	0.02	0.15	0.04	0.04	0.00	0.00
AZ-010	8	Maintain and Update	0.35	0.14	0.16	0.02	0.02	0.02	0.02	0.02
AZ-010	9	Store and Retrieve	5.53	0.00	3.59	0.00	1.11	1.11	0.63	0.63
AZ-010	10	Monitor/Compliance	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00
AZ-010	11	Reformat	0.06	0.01	0.02	0.02	0.01	0.01	0.00	0.00
AZ-010	12	Distribute	0.08	0.00	0.01	0.00	0.02	0.02	0.06	0.06
AZ-010	13	Draft	0.21	0.12	0.02	0.00	0.07	0.07	0.00	0.00
** Subtotal **			0.79	0.79	4.09	0.90	2.04	2.04	0.98	0.98

** SUMMARY FOR OFFICE AZ-014

AZ-014	1	Locate Resource	0.23	0.00	0.23	0.00	0.00	0.00	0.00	0.00
AZ-014	2	Map Resource	1.13	0.45	0.11	0.00	0.51	0.51	0.06	0.06
AZ-014	3	Measure Resource	1.02	0.00	0.10	0.82	0.10	0.10	0.00	0.00
AZ-014	4	Identify Conflicts/High Interest	0.15	0.00	0.02	0.10	0.02	0.02	0.00	0.00
AZ-014	6	Measure the Conflicts	0.23	0.00	0.03	0.17	0.02	0.02	0.00	0.00
AZ-014	7	Identify Locations/Alternatives	0.33	0.00	0.03	0.23	0.07	0.07	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ARIZONA

OFFICE FUNC. CODE NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
AZ-014	8 Maintain and Update	0.12	0.05	0.05	0.01	0.01	0.01	0.01	0.01
AZ-014	9 Store and Retrieve	1.53	0.00	0.59	0.00	0.31	0.23	0.00	0.00
AZ-014	10 Monitor/Compliance	0.24	0.01	0.05	0.16	0.02	0.00	0.00	0.00
AZ-014	11 Reformat	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00
AZ-014	12 Distribute	0.04	0.00	0.00	0.00	0.01	0.03	0.00	0.00
AZ-014	13 Draft	0.04	0.02	0.00	0.00	0.01	0.00	0.00	0.00
** Subtotal **		5.08	0.53	1.62	1.50	1.66	0.33		
** SUMMARY FOR OFFICE AZ-015									
AZ-015	1 Locate Resource	0.20	0.00	0.20	0.00	0.00	0.00	0.00	0.00
AZ-015	2 Map Resource	1.00	0.40	0.10	0.00	0.45	0.05	0.00	0.00
AZ-015	3 Measure Resource	0.92	0.00	0.09	0.74	0.09	0.00	0.00	0.00
AZ-015	4 Identify Conflicts/High Interest	0.15	0.00	0.02	0.10	0.02	0.00	0.00	0.00
AZ-015	6 Measure the Conflicts	0.21	0.00	0.03	0.16	0.02	0.00	0.00	0.00
AZ-015	7 Identify Locations/Alternatives	0.36	0.00	0.04	0.25	0.07	0.00	0.00	0.00
AZ-015	8 Maintain and Update	0.08	0.03	0.04	0.00	0.00	0.00	0.00	0.00
AZ-015	9 Store and Retrieve	1.60	0.00	1.04	0.00	0.32	0.24	0.00	0.00
AZ-015	10 Monitor/Compliance	0.21	0.01	0.04	0.14	0.02	0.00	0.00	0.00
AZ-015	13 Draft	0.03	0.02	0.00	0.00	0.01	0.00	0.00	0.00
** Subtotal **		4.76	0.46	1.60	1.39	1.60	0.25		

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ARIZONA

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
** SUMMARY FOR OFFICE AZ-020												
AZ-020	1 Locate Resource	0.02	0.00		0.02	0.00		0.00	0.00	0.00	0.00	0.00
AZ-020	2 Map Resource	0.27	0.11		0.03	0.00		0.00	0.12	0.01	0.01	0.01
AZ-020	3 Measure Resource	1.72	0.00		0.17	1.36		0.17	0.17	0.00	0.00	0.00
AZ-020	4 Identify Conflicts/High Interest	0.54	0.00		0.08	0.38		0.08	0.08	0.00	0.00	0.00
AZ-020	5 Map Conflicts	1.57	0.00		0.24	0.00		0.00	1.26	0.06	0.06	0.06
AZ-020	6 Measure the Conflicts	0.30	0.00		0.04	0.23		0.03	0.03	0.00	0.00	0.00
AZ-020	7 Identify Locations/Alternatives	0.46	0.00		0.05	0.32		0.09	0.09	0.00	0.00	0.00
AZ-020	8 Maintain and Update	0.62	0.25		0.28	0.03		0.03	0.03	0.03	0.03	0.03
AZ-020	9 Store and Retrieve	1.84	0.00		1.20	0.00		0.37	0.28	0.00	0.00	0.00
AZ-020	10 Monitor/Compliance	0.55	0.03		0.11	0.36		0.06	0.06	0.00	0.00	0.00
AZ-020	11 Reformat	0.44	0.04		0.15	0.15		0.07	0.07	0.02	0.02	0.02
AZ-020	12 Distribute	0.18	0.00		0.02	0.00		0.04	0.04	0.13	0.13	0.13
AZ-020	13 Draft	0.11	0.06		0.01	0.00		0.04	0.04	0.00	0.00	0.00
** Subtotal **		8.62	0.49		2.40	2.85		2.36		0.55		
** SUMMARY FOR OFFICE AZ-025												
AZ-025	1 Locate Resource	0.10	0.00		0.10	0.00		0.00	0.00	0.00	0.00	0.00
AZ-025	2 Map Resource	0.35	0.14		0.03	0.00		0.16	0.02	0.02	0.02	0.02
AZ-025	3 Measure Resource	1.32	0.00		0.13	1.06		0.13	0.00	0.00	0.00	0.00
AZ-025	4 Identify Conflicts/High Interest	0.45	0.00		0.07	0.32		0.07	0.07	0.00	0.00	0.00
AZ-025	5 Map Conflicts	0.97	0.00		0.15	0.00		0.78	0.05	0.05	0.05	0.05
AZ-025	6 Measure the Conflicts	0.12	0.00		0.02	0.03		0.01	0.01	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ARIZONA

OFFICE CODE	FUNG. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y	PER	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
AZ-025	7	Identify Locations/Alternatives	0.35		0.00	0.03	0.24	0.07	0.00	0.00
AZ-025	8	Maintain and Update	0.13		0.05	0.06	0.01	0.01	0.01	0.01
AZ-025	9	Store and Retrieve	0.37		0.00	0.24	0.00	0.07	0.06	0.06
AZ-025	10	Monitor/Compliance	0.04		0.00	0.01	0.03	0.00	0.00	0.00
AZ-025	11	Reformat	0.12		0.01	0.04	0.04	0.02	0.01	0.01
AZ-025	12	Distribute	0.01		0.00	0.00	0.00	0.00	0.01	0.01
AZ-025	13	Draft	0.10		0.06	0.01	0.00	0.03	0.00	0.00
** Subtotal **			4.43		0.26	0.89	1.79	1.35	0.16	0.16
** SUMMARY FOR OFFICE AZ-026										
AZ-026	1	Locate Resource	0.21		0.00	0.21	0.00	0.00	0.00	0.00
AZ-026	2	Map Resource	0.15		0.06	0.01	0.00	0.07	0.01	0.01
AZ-026	3	Measure Resource	0.65		0.00	0.07	0.52	0.07	0.00	0.00
AZ-026	4	Identify Conflicts/High Interest	0.37		0.00	0.06	0.26	0.06	0.00	0.00
AZ-026	5	Map Conflicts	0.90		0.00	0.14	0.00	0.72	0.05	0.05
AZ-026	6	Measure the Conflicts	0.22		0.00	0.03	0.17	0.02	0.00	0.00
AZ-026	7	Identify Locations/Alternatives	0.34		0.00	0.03	0.24	0.07	0.00	0.00
AZ-026	8	Maintain and Update	0.16		0.06	0.07	0.01	0.01	0.01	0.01
AZ-026	9	Store and Retrieve	0.33		0.00	0.21	0.00	0.07	0.05	0.05
AZ-026	10	Monitor/Compliance	0.11		0.01	0.02	0.07	0.01	0.00	0.00
AZ-026	11	Reformat	0.11		0.01	0.04	0.04	0.02	0.01	0.01
AZ-026	12	Distribute	0.04		0.00	0.00	0.00	0.01	0.03	0.03
AZ-026	13	Draft	0.21		0.12	0.02	0.00	0.07	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ARIZONA

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNC.	DATA ENTRY CAPABILITY IN W/Y	MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	OUTPUT CAPABILITY IN W/Y	TRANSFER CAPABILITY IN W/Y
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** Subtotal **

3.80	0.26	0.91	1.31	1.20	0.16
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** SUMMARY FOR OFFICE AZ-027

AZ-027	1 Locate Resource	0.30	0.00	0.30	0.00	0.00	0.00
AZ-027	2 Map Resource	0.27	0.11	0.03	0.00	0.12	0.01
AZ-027	3 Measure Resource	0.33	0.00	0.03	0.26	0.03	0.00
AZ-027	4 Identify Conflicts/High Interest	0.51	0.00	0.08	0.35	0.08	0.00
AZ-027	5 Map Conflicts	0.52	0.00	0.08	0.00	0.42	0.03
AZ-027	6 Measure the Conflicts	0.16	0.00	0.02	0.12	0.02	0.00
AZ-027	7 Identify Locations/Alternatives	0.32	0.00	0.03	0.22	0.06	0.00
AZ-027	8 Maintain and Update	0.23	0.09	0.10	0.01	0.01	0.01
AZ-027	9 Store and Retrieve	0.25	0.00	0.16	0.00	0.05	0.04
AZ-027	10 Monitor/Compliance	0.05	0.00	0.01	0.03	0.01	0.00
AZ-027	11 Reformat	0.09	0.01	0.03	0.03	0.01	0.00
AZ-027	13 Draft	0.13	0.07	0.01	0.00	0.05	0.00

** Subtotal **

3.16	0.28	0.86	1.03	0.86	0.09
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** SUMMARY FOR OFFICE AZ-040

AZ-040	1 Locate Resource	0.02	0.00	0.02	0.00	0.00	0.00
AZ-040	2 Map Resource	0.14	0.05	0.01	0.00	0.05	0.01
AZ-040	3 Measure Resource	0.54	0.00	0.05	0.43	0.05	0.00
AZ-040	4 Identify Conflicts/High Interest	0.30	0.00	0.04	0.21	0.04	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ARIZONA

OFFICE FUNC. CODE NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y	PER	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y

AZ-040	5 Map Conflicts	0.64	0.00	0.10	0.00	0.51	0.03		
AZ-040	6 Measure the Conflicts	0.18	0.00	0.03	0.14	0.02	0.00		
AZ-040	7 Identify Locations/Alternatives	0.30	0.00	0.03	0.21	0.06	0.00		
AZ-040	8 Maintain and Update	0.57	0.23	0.26	0.03	0.03	0.03		
AZ-040	9 Store and Retrieve	1.42	0.00	0.92	0.00	0.28	0.21		
AZ-040	10 Monitor/Compliance	0.54	0.03	0.11	0.35	0.05	0.00		
AZ-040	11 Reformat	0.18	0.02	0.06	0.06	0.03	0.01		
AZ-040	12 Distribute	0.17	0.00	0.02	0.00	0.03	0.12		
AZ-040	13 Draft	0.07	0.04	0.01	0.00	0.02	0.00		
** Subtotal **		5.07	0.30	1.66	1.43	1.18	0.41		

** SUMMARY FOR OFFICE AZ-044

AZ-044	1 Locate Resource	0.06	0.00	0.06	0.00	0.00	0.00		
AZ-044	2 Map Resource	0.26	0.10	0.03	0.00	0.12	0.01		
AZ-044	3 Measure Resource	0.70	0.00	0.07	0.56	0.07	0.00		
AZ-044	4 Identify Conflicts/High Interest	0.18	0.00	0.03	0.13	0.03	0.00		
AZ-044	5 Map Conflicts	0.60	0.00	0.09	0.00	0.48	0.03		
AZ-044	6 Measure the Conflicts	0.09	0.00	0.01	0.07	0.01	0.00		
AZ-044	7 Identify Locations/Alternatives	0.17	0.00	0.02	0.12	0.03	0.00		
AZ-044	8 Maintain and Update	0.09	0.04	0.04	0.00	0.00	0.00		
AZ-044	9 Store and Retrieve	0.29	0.00	0.19	0.00	0.06	0.04		
AZ-044	10 Monitor/Compliance	0.12	0.01	0.02	0.08	0.01	0.00		
AZ-044	11 Reformat	0.05	0.01	0.02	0.02	0.01	0.00		

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ARIZONA

OFFICE FUNC. DESCRIPTION		TOTAL		DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF	W/Y	PER	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY
FUNCTION		FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
AZ-044	12 Distribute	0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.03	0.03	0.03
AZ-044	13 Draft	0.13	0.07	0.01	0.00	0.05	0.00	0.05	0.00	0.05	0.00	0.00	0.00
** Subtotal **		2.78	0.23	0.59	0.98	0.88	0.11						0.11
** SUMMARY FOR OFFICE AZ-045													
AZ-045	1 Locate Resource	0.13	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AZ-045	2 Map Resource	0.24	0.10	0.02	0.00	0.11	0.01	0.11	0.01	0.11	0.01	0.01	0.01
AZ-045	3 Measure Resource	0.48	0.00	0.05	0.36	0.05	0.00	0.05	0.00	0.05	0.00	0.00	0.00
AZ-045	4 Identify Conflicts/High Interest	0.21	0.00	0.03	0.15	0.03	0.00	0.03	0.00	0.03	0.00	0.00	0.00
AZ-045	5 Map Conflicts	0.44	0.00	0.07	0.00	0.35	0.02	0.35	0.02	0.35	0.02	0.02	0.02
AZ-045	6 Measure the Conflicts	0.12	0.00	0.02	0.09	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00
AZ-045	7 Identify Locations/Alternatives	0.25	0.00	0.03	0.17	0.05	0.00	0.05	0.00	0.05	0.01	0.01	0.01
AZ-045	8 Maintain and Update	0.12	0.05	0.05	0.01	0.01	0.00	0.03	0.02	0.03	0.02	0.02	0.02
AZ-045	9 Store and Retrieve	0.16	0.00	0.10	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
AZ-045	10 Monitor/Compliance	0.11	0.01	0.02	0.07	0.01	0.00	0.03	0.01	0.03	0.01	0.01	0.01
AZ-045	11 Reformat	0.16	0.02	0.06	0.06	0.06	0.00	0.06	0.01	0.06	0.01	0.01	0.01
AZ-045	13 Draft	0.16	0.09	0.02	0.00	0.06	0.00	0.06	0.00	0.06	0.00	0.00	0.00
** Subtotal **		2.60	0.27	0.60	0.93	0.74	0.07						0.07
** SUMMARY FOR OFFICE AZ-050													
AZ-050	1 Locate Resource	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AZ-050	2 Map Resource	0.20	0.00	0.02	0.00	0.03	0.00	0.03	0.01	0.03	0.01	0.01	0.01

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ARIZONA

OFFICE FUNC. CODE	DESC. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
AZ-050	3 Measure Resource	0.59	0.00	0.06	0.47	0.06	0.00	0.00	0.00
AZ-050	4 Identify Conflicts/High Interest	0.51	0.00	0.00	0.36	0.00	0.00	0.00	0.00
AZ-050	5 Map Conflicts	0.61	0.00	0.09	0.00	0.49	0.03	0.00	0.00
AZ-050	6 Measure the Conflicts	0.13	0.00	0.02	0.10	0.01	0.00	0.00	0.00
AZ-050	7 Identify Locations/Alternatives	0.84	0.00	0.08	0.59	0.17	0.00	0.00	0.00
AZ-050	8 Maintain and Update	0.36	0.14	0.16	0.02	0.02	0.02	0.02	0.02
AZ-050	9 Store and Retrieve	0.47	0.00	0.31	0.00	0.09	0.07	0.00	0.00
AZ-050	10 Monitor/Compliance	0.05	0.00	0.01	0.03	0.01	0.00	0.00	0.00
AZ-050	11 Reformat	0.37	0.04	0.13	0.13	0.06	0.02	0.00	0.00
AZ-050	12 Distribute	0.10	0.00	0.01	0.00	0.02	0.07	0.00	0.00
AZ-050	13 Draft	0.05	0.03	0.01	0.00	0.02	0.00	0.00	0.00
** Subtotal **		4.32	0.29	1.02	1.70	1.12	0.22	0.00	0.00
** SUMMARY FOR OFFICE AZ-054									
AZ-054	1 Locate Resource	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00
AZ-054	2 Map Resource	0.23	0.09	0.02	0.00	0.10	0.01	0.00	0.00
AZ-054	3 Measure Resource	0.47	0.00	0.05	0.38	0.05	0.00	0.00	0.00
AZ-054	4 Identify Conflicts/High Interest	0.20	0.00	0.03	0.14	0.03	0.00	0.00	0.00
AZ-054	5 Map Conflicts	0.43	0.00	0.06	0.00	0.34	0.02	0.00	0.00
AZ-054	6 Measure the Conflicts	0.11	0.00	0.02	0.08	0.01	0.00	0.00	0.00
AZ-054	7 Identify Locations/Alternatives	0.12	0.00	0.01	0.06	0.02	0.00	0.00	0.00
AZ-054	8 Maintain and Update	0.12	0.05	0.05	0.01	0.01	0.01	0.01	0.01
AZ-054	9 Store and Retrieve	0.15	0.00	0.10	0.06	0.03	0.02	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ARIZONA

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNC.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
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AZ-054	10 Monitor/Compliance	0.08	0.00	0.02	0.05	0.01	0.00
AZ-054	11 Reformat	0.17	0.02	0.06	0.06	0.03	0.01
AZ-054	13 Draft	0.04	0.02	0.00	0.00	0.01	0.00
** Subtotal **		2.16	0.18	0.46	0.80	0.64	0.07

** SUMMARY FOR OFFICE AZ-055

AZ-055	1 Locate Resource	0.08	0.00	0.08	0.00	0.00	0.00
AZ-055	2 Map Resource	0.34	0.14	0.03	0.00	0.15	0.02
AZ-055	3 Measure Resource	0.46	0.00	0.05	0.37	0.05	0.00
AZ-055	4 Identify Conflicts/High Interest	0.18	0.00	0.03	0.13	0.03	0.00
AZ-055	5 Map Conflicts	0.37	0.00	0.06	0.00	0.30	0.02
AZ-055	6 Measure the Conflicts	0.10	0.00	0.01	0.08	0.01	0.00
AZ-055	7 Identify Locations/Alternatives	0.07	0.00	0.01	0.05	0.01	0.00
AZ-055	8 Maintain and Update	0.07	0.03	0.03	0.00	0.00	0.00
AZ-055	9 Store and Retrieve	0.16	0.00	0.12	0.00	0.04	0.03
AZ-055	10 Monitor/Compliance	0.05	0.00	0.01	0.03	0.01	0.00
AZ-055	11 Reformat	0.15	0.01	0.05	0.05	0.02	0.01
AZ-055	13 Draft	0.01	0.01	0.00	0.00	0.00	0.00
** Subtotal **		2.06	0.19	0.46	0.71	0.62	0.08

** SUMMARY FOR OFFICE AZ-900

AZ-900	1 Locate Resource	0.50	0.00	0.50	0.00	0.00	0.00
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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: ARIZONA

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y	PER	W/Y	IN	W/Y	W/Y	IN	W/Y
			FUNCT.			IN	W/Y	IN	W/Y	IN
AZ-900	2	Map Resource	0.01		0.00	0.00	0.00	0.00	0.00	0.00
AZ-900	3	Measure Resource	3.10		0.00	0.31	2.40	0.31	0.00	0.00
AZ-900	4	Identify Conflicts/High Interest	1.43		0.00	0.21	1.00	0.21	0.00	0.00
AZ-900	7	Identify Locations/Alternatives	0.81		0.00	0.08	0.57	0.16	0.00	0.00
AZ-900	8	Maintain and Update	0.09		0.04	0.04	0.00	0.00	0.00	0.00
AZ-900	9	Store and Retrieve	3.31		0.00	2.15	0.00	0.66	0.50	0.50
AZ-900	11	Reformat	1.37		0.14	0.48	0.48	0.21	0.07	0.07
AZ-900	12	Distribute	0.01		0.00	0.00	0.00	0.00	0.01	0.01
AZ-900	13	Draft	0.20		0.11	0.02	0.00	0.07	0.00	0.00
** Subtotal **			10.83		0.29	3.79	4.53	1.62	0.58	0.58
*** Total ***			68.46		4.90	20.99	21.85	16.69	4.10	4.10

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER									
		W/Y PER CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY	
		FUNC.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y

** SUMMARY FOR OFFICE CA-010

CA-010	1	Locate Resource	0.33	0.00	0.33	0.00	0.00	0.00	0.00
CA-010	2	Map Resource	0.62	0.25	0.06	0.00	0.28	0.03	0.03
CA-010	3	Measure Resource	0.93	0.00	0.09	0.74	0.09	0.00	0.00
CA-010	4	Identify Conflicts/High Interest	0.68	0.00	0.10	0.48	0.10	0.00	0.00
CA-010	5	Map Conflicts	1.19	0.00	0.18	0.00	0.95	0.06	0.06
CA-010	6	Measure the Conflicts	0.34	0.00	0.05	0.26	0.03	0.00	0.00
CA-010	7	Identify Locations/Alternatives	0.45	0.00	0.05	0.32	0.09	0.00	0.00
CA-010	8	Maintain and Update	0.62	0.25	0.28	0.03	0.03	0.03	0.03
CA-010	9	Store and Retrieve	1.42	0.00	0.92	0.00	0.28	0.21	0.21
CA-010	10	Monitor/Compliance	0.76	0.04	0.15	0.49	0.08	0.00	0.00
CA-010	11	Reformat	0.47	0.05	0.16	0.16	0.07	0.02	0.02
CA-010	12	Distribute	0.17	0.00	0.02	0.00	0.03	0.12	0.12
CA-010	13	Draft	1.57	0.86	0.16	0.00	0.55	0.00	0.00
** Subtotal **			9.55	1.45	2.55	2.46	2.58	0.47	0.47

** SUMMARY FOR OFFICE CA-016

CA-016	1	Locate Resource	0.16	0.00	0.16	0.00	0.00	0.00	0.00
CA-016	2	Map Resource	0.51	0.20	0.05	0.00	0.23	0.03	0.03
CA-016	3	Measure Resource	0.40	0.00	0.04	0.32	0.04	0.00	0.00
CA-016	4	Identify Conflicts/High Interest	0.42	0.00	0.06	0.29	0.06	0.00	0.00
CA-016	5	Map Conflicts	0.68	0.00	0.10	0.00	0.54	0.03	0.03
CA-016	6	Measure the Conflicts	0.15	0.00	0.02	0.11	0.01	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
CA-016	7 Identify Locations/Alternatives	0.21	0.00	0.02	0.15	0.04	0.00		
CA-016	8 Maintain and Update	0.16	0.06	0.07	0.01	0.01	0.01		
CA-016	9 Store and Retrieve	0.47	0.00	0.31	0.00	0.09	0.07		
CA-016	10 Monitor/Compliance	0.05	0.00	0.01	0.03	0.01	0.00		
CA-016	12 Distribute	0.01	0.00	0.00	0.00	0.00	0.01		
CA-016	13 Draft	0.04	0.02	0.00	0.00	0.01	0.00		
** Subtotal **		3.26	0.28	0.64	0.91	1.04	0.15		
** SUMMARY FOR OFFICE CA-017									
CA-017	1 Locate Resource	0.63	0.00	0.03	0.00	0.00	0.00		
CA-017	2 Map Resource	0.38	0.15	0.04	0.00	0.17	0.02		
CA-017	3 Measure Resource	0.51	0.00	0.05	0.41	0.05	0.00		
CA-017	4 Identify Conflicts/High Interest	0.16	0.00	0.02	0.11	0.02	0.00		
CA-017	5 Map Conflicts	0.76	0.00	0.11	0.00	0.51	0.04		
CA-017	6 Measure the Conflicts	0.16	0.00	0.02	0.12	0.02	0.00		
CA-017	7 Identify Locations/Alternatives	0.04	0.00	0.00	0.03	0.01	0.00		
CA-017	8 Maintain and Update	0.03	0.01	0.01	0.00	0.00	0.00		
CA-017	9 Store and Retrieve	0.25	0.00	0.16	0.00	0.05	0.04		
CA-017	10 Monitor/Compliance	0.02	0.00	0.00	0.01	0.00	0.00		
CA-017	13 Draft	0.02	0.01	0.00	0.00	0.01	0.00		
** Subtotal **		2.36	0.17	0.44	0.66	0.94	0.10		

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER W/Y PER CAPABILITY CAPABILITY CAPABILITY CAPABILITY CAPABILITY	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
** SUMMARY FOR OFFICE CA-018						
CA-018 1 Locate Resource	0.03	0.00	0.03	0.00	0.00	0.00
CA-018 2 Map Resource	0.40	0.16	0.04	0.18	0.02	0.02
CA-018 3 Measure Resource	0.64	0.00	0.06	0.06	0.00	0.00
CA-018 4 Identify Conflicts/High Interest	0.45	0.00	0.07	0.07	0.00	0.00
CA-018 5 Map Conflicts	0.64	0.00	0.13	0.67	0.04	0.04
CA-018 6 Measure the Conflicts	0.23	0.00	0.03	0.02	0.00	0.00
CA-018 7 Identify Locations/Alternatives	0.41	0.00	0.04	0.08	0.00	0.00
CA-018 8 Maintain and Update	0.19	0.00	0.03	0.01	0.01	0.01
CA-018 9 Store and Retrieve	0.37	0.00	0.24	0.07	0.06	0.06
CA-018 10 Monitor/Compliance	0.02	0.00	0.00	0.00	0.00	0.00
CA-018 11 Reformat	0.10	0.01	0.03	0.01	0.01	0.01
CA-018 13 Draft	0.28	0.15	0.03	0.10	0.00	0.00
** Subtotal **	3.96	0.40	0.79	1.34	1.27	0.14
** SUMMARY FOR OFFICE CA-019						
CA-019 2 Map Resource	0.20	0.00	0.02	0.09	0.01	0.01
CA-019 3 Measure Resource	0.32	0.00	0.03	0.03	0.00	0.00
CA-019 4 Identify Conflicts/High Interest	0.29	0.00	0.04	0.04	0.00	0.00
CA-019 5 Map Conflicts	0.74	0.00	0.11	0.59	0.04	0.04
CA-019 6 Measure the Conflicts	0.14	0.00	0.02	0.01	0.00	0.00
CA-019 7 Identify Locations/Alternatives	0.08	0.00	0.01	0.02	0.00	0.00
CA-019 8 Maintain and Update	0.03	0.01	0.01	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. CODE	FUNC. NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y PER FUNC.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
CA-019	9	Store and Retrieve	0.17	0.00	0.11	0.00	0.03	0.03	0.03	0.03
CA-019	10	Monitor/Compliance	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00
CA-019	11	Reformat	0.03	0.00	0.01	0.01	0.00	0.00	0.00	0.00
CA-019	13	Draft	0.23	0.13	0.02	0.00	0.08	0.08	0.08	0.08
** Subtotal **			2.25	0.22	0.36	0.65	0.89	0.89	0.89	0.89
** SUMMARY FOR OFFICE CA-020										
CA-020	1	Locate Resource	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00
CA-020	2	Map Resource	2.09	0.84	0.21	0.00	0.94	0.94	0.94	0.94
CA-020	3	Measure Resource	0.43	0.00	0.04	0.34	0.04	0.04	0.04	0.04
CA-020	4	Identify Conflicts/High Interest	0.36	0.00	0.05	0.25	0.05	0.05	0.05	0.05
CA-020	5	Map Conflicts	0.10	0.00	0.01	0.00	0.06	0.06	0.06	0.06
CA-020	6	Measure the Conflicts	0.23	0.00	0.03	0.17	0.02	0.02	0.02	0.02
CA-020	7	Identify Locations/Alternatives	0.19	0.00	0.02	0.13	0.04	0.04	0.04	0.04
CA-020	8	Maintain and Update	0.70	0.28	0.32	0.03	0.03	0.03	0.03	0.03
CA-020	9	Store and Retrieve	4.61	0.00	3.13	0.00	0.56	0.56	0.56	0.56
CA-020	10	Monitor/Compliance	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00
CA-020	13	Draft	0.36	0.20	0.04	0.00	0.13	0.13	0.13	0.13
** Subtotal **			9.36	1.32	3.92	0.93	2.29	2.29	2.29	2.29
** SUMMARY FOR OFFICE CA-026										
CA-026	1	Locate Resource	0.24	0.00	0.24	0.00	0.00	0.00	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
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CA-026	2 Map Resource	1.19	0.48	0.12	0.00	0.54	0.06
CA-026	3 Measure Resource	1.23	0.00	0.12	0.98	0.12	0.00
CA-026	4 Identify Conflicts/High Interest	0.18	0.00	0.03	0.13	0.03	0.00
CA-026	6 Measure the Conflicts	0.28	0.00	0.04	0.21	0.03	0.00
CA-026	7 Identify Locations/Alternatives	0.42	0.00	0.04	0.29	0.08	0.00
CA-026	8 Maintain and Update	0.06	0.03	0.04	0.00	0.00	0.00
CA-026	9 Store and Retrieve	2.85	0.00	1.85	0.00	0.57	0.43
CA-026	10 Monitor/Compliance	0.26	0.01	0.05	0.17	0.03	0.00
CA-026	11 Reformat	0.02	0.00	0.01	0.01	0.00	0.00
CA-026	12 Distribute	0.04	0.00	0.00	0.00	0.01	0.03
CA-026	13 Draft	0.03	0.02	0.00	0.00	0.01	0.00
** Subtotal **		6.82	0.54	2.54	1.79	1.42	0.52

** SUMMARY FOR OFFICE CA-027

CA-027	1 Locate Resource	0.26	0.00	0.26	0.00	0.00	0.00
CA-027	2 Map Resource	0.98	0.39	0.10	0.00	0.44	0.05
CA-027	3 Measure Resource	0.96	0.00	0.10	0.76	0.10	0.00
CA-027	4 Identify Conflicts/High Interest	0.23	0.00	0.03	0.16	0.03	0.00
CA-027	6 Measure the Conflicts	0.33	0.00	0.05	0.25	0.03	0.00
CA-027	7 Identify Locations/Alternatives	0.29	0.00	0.03	0.20	0.06	0.00
CA-027	8 Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02
CA-027	9 Store and Retrieve	1.99	0.00	1.29	0.00	0.40	0.30
CA-027	10 Monitor/Compliance	0.21	0.01	0.04	0.14	0.02	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
	W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
CA-027 13 Draft	0.04	0.02	0.00	0.00	0.01	0.00	0.00	0.00
** Subtotal **	5.73	0.59	2.09	1.55	1.11	0.37		
** SUMMARY FOR OFFICE CA-028								
CA-028 1 Locate Resource	0.13	0.00	0.13	0.00	0.00	0.00	0.00	0.00
CA-028 2 Map Resource	0.81	0.32	0.08	0.00	0.36	0.04	0.04	0.04
CA-028 3 Measure Resource	0.77	0.00	0.08	0.62	0.08	0.00	0.00	0.00
CA-028 4 Identify Conflicts/High Interest	0.18	0.00	0.03	0.13	0.03	0.00	0.00	0.00
CA-028 6 Measure the Conflicts	0.24	0.00	0.04	0.18	0.02	0.00	0.00	0.00
CA-028 7 Identify Locations/Alternatives	0.21	0.00	0.02	0.15	0.04	0.00	0.00	0.00
CA-028 8 Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02	0.02	0.02
CA-028 9 Store and Retrieve	2.14	0.00	1.39	0.00	0.43	0.32	0.32	0.32
CA-028 10 Monitor/Compliance	0.24	0.01	0.05	0.16	0.02	0.00	0.00	0.00
CA-028 13 Draft	0.03	0.02	0.00	0.00	0.01	0.00	0.00	0.00
** Subtotal **	5.17	0.52	2.01	1.26	1.01	0.36		
** SUMMARY FOR OFFICE CA-050								
CA-050 1 Locate Resource	0.24	0.00	0.24	0.00	0.00	0.00	0.00	0.00
CA-050 2 Map Resource	0.56	0.22	0.06	0.00	0.25	0.03	0.03	0.03
CA-050 3 Measure Resource	0.49	0.00	0.05	0.39	0.05	0.00	0.00	0.00
CA-050 4 Identify Conflicts/High Interest	0.57	0.00	0.09	0.40	0.09	0.00	0.00	0.00
CA-050 5 Map Conflicts	0.21	0.00	0.03	0.00	0.17	0.01	0.01	0.01

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y	PER	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
CA-050	6 Measure the Conflicts	0.10		0.00	0.01	0.00	0.01	0.00	0.00
CA-050	7 Identify Locations/Alternatives	0.67		0.00	0.07	0.47	0.13	0.00	0.00
CA-050	8 Maintain and Update	0.21		0.00	0.09	0.01	0.01	0.01	0.01
CA-050	9 Store and Retrieve	1.41		0.00	0.92	0.00	0.28	0.21	0.21
CA-050	10 Monitor/Compliance	0.51		0.03	0.10	0.33	0.05	0.00	0.00
CA-050	11 Reformat	0.34		0.03	0.12	0.12	0.05	0.02	0.02
CA-050	12 Distribute	0.07		0.00	0.01	0.00	0.01	0.05	0.05
CA-050	13 Draft	0.49		0.27	0.05	0.00	0.17	0.00	0.00
** Subtotal **		5.87		0.63	1.64	1.80	1.27	0.33	0.33
** SUMMARY FOR OFFICE CA-056									
CA-056	1 Locate Resource	0.14		0.00	0.14	0.00	0.00	0.00	0.00
CA-056	2 Map Resource	0.01		0.00	0.00	0.00	0.00	0.00	0.00
CA-056	3 Measure Resource	1.27		0.00	0.13	1.02	0.13	0.00	0.00
CA-056	4 Identify Conflicts/High Interest	0.44		0.00	0.07	0.31	0.07	0.00	0.00
CA-056	5 Map Conflicts	0.16		0.00	0.02	0.00	0.13	0.01	0.01
CA-056	6 Measure the Conflicts	0.06		0.00	0.01	0.04	0.01	0.00	0.00
CA-056	7 Identify Locations/Alternatives	0.42		0.00	0.04	0.29	0.08	0.00	0.00
CA-056	8 Maintain and Update	0.01		0.01	0.00	0.00	0.00	0.00	0.00
CA-056	9 Store and Retrieve	0.65		0.00	0.42	0.00	0.13	0.10	0.10
CA-056	10 Monitor/Compliance	0.01		0.01	0.00	0.01	0.00	0.00	0.00
CA-056	11 Reformat	0.03		0.01	0.01	0.01	0.00	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. DESCRIPTION	TOTAL	DATA ENTRY	DATA MANIPULATION	DATA ANALYSIS	DATA OUTPUT	DATA TRANSFER
CODE NO. OF	W/Y PER	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY
FUNCTION	FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y

** Subtotal **	3.20	0.03	0.04	1.60	0.55	0.11
** SUMMARY FOR OFFICE CA-058						
CA-058 1 Locate Resource	0.03	0.00	0.03	0.00	0.00	0.00
CA-058 2 Map Resource	0.03	0.01	0.00	0.00	0.01	0.00
CA-058 3 Measure Resource	0.46	0.00	0.05	0.35	0.05	0.00
CA-058 4 Identify Conflicts/High Interest	0.01	0.00	0.00	0.01	0.00	0.00
CA-058 6 Measure the Conflicts	0.02	0.00	0.00	0.02	0.00	0.00
CA-058 7 Identify Locations/Alternatives	0.28	0.00	0.03	0.20	0.05	0.00
CA-058 8 Maintain and Update	0.02	0.01	0.01	0.00	0.00	0.00
CA-058 9 Store and Retrieve	0.73	0.00	0.47	0.00	0.15	0.11
CA-058 11 Reformat	0.03	0.00	0.01	0.01	0.00	0.00
CA-058 12 Distribute	0.01	0.00	0.00	0.00	0.00	0.01
CA-058 13 Draft	0.61	0.34	0.05	0.00	0.21	0.00
** Subtotal **	2.25	0.36	0.66	0.62	0.48	0.12
** SUMMARY FOR OFFICE CA-059						
CA-059 1 Locate Resource	0.46	0.00	0.46	0.00	0.00	0.00
CA-059 2 Map Resource	0.37	0.15	0.04	0.00	0.17	0.02
CA-059 3 Measure Resource	1.37	0.00	0.14	1.10	0.14	0.00
CA-059 4 Identify Conflicts/High Interest	0.31	0.00	0.05	0.22	0.05	0.00
CA-059 5 Map Conflicts	0.25	0.00	0.04	0.00	0.20	0.01

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AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. CODE NO. OF FUNCTION	TOTAL W/Y PER FUNC.	DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER	
		CAPABILITY IN W/Y	CAPABILITY IN W/Y
CA-059 6 Measure the Conflicts	0.06	0.00	0.01
CA-059 7 Identify Locations/Alternatives	0.51	0.00	0.36
CA-059 8 Maintain and Update	0.04	0.02	0.00
CA-059 9 Store and Retrieve	1.38	0.00	0.28
CA-059 10 Monitor/Compliance	0.01	0.00	0.00
CA-059 11 Reformat	0.24	0.02	0.04
CA-059 12 Distribute	0.05	0.00	0.01
CA-059 13 Draft	0.43	0.24	0.15
** Subtotal **	5.46	0.43	1.61
			0.26
** SUMMARY FOR OFFICE CA-060			
CA-060 1 Locate Resource	0.21	0.00	0.00
CA-060 2 Map Resource	0.63	0.25	0.28
CA-060 3 Measure Resource	0.94	0.00	0.09
CA-060 4 Identify Conflicts/High Interest	1.07	0.00	0.16
CA-060 5 Map Conflicts	1.15	0.00	0.17
CA-060 6 Measure the Conflicts	0.28	0.00	0.21
CA-060 7 Identify Locations/Alternatives	0.85	0.00	0.59
CA-060 8 Maintain and Update	0.88	0.35	0.04
CA-060 9 Store and Retrieve	0.92	0.00	0.00
CA-060 10 Monitor/Compliance	0.37	0.02	0.24
CA-060 11 Reformat	0.54	0.05	0.19
CA-060 12 Distribute	0.12	0.00	0.00
			0.02
			0.00
			0.03
			0.00
			0.06
			0.00
			0.04
			0.14
			0.00
			0.03
			0.00

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AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER W/Y PER CAPABILITY CAPABILITY CAPABILITY CAPABILITY CAPABILITY	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
CA-060 13 Draft	0.71	0.39	0.07	0.00	0.25	0.00
** Subtotal **	0.67	1.06	2.16	2.77	2.26	0.30
** SUMMARY FOR OFFICE CA-065						
CA-065 1 Locate Resource	0.03	0.00	0.03	0.00	0.00	0.00
CA-065 2 Map Resource	0.62	0.25	0.06	0.00	0.28	0.03
CA-065 3 Measure Resource	0.69	0.00	0.07	0.55	0.07	0.00
CA-065 4 Identify Conflicts/High Interest	0.32	0.00	0.05	0.22	0.05	0.00
CA-065 5 Map Conflicts	1.14	0.00	0.17	0.00	0.91	0.06
CA-065 6 Measure the Conflicts	0.24	0.00	0.04	0.10	0.02	0.00
CA-065 7 Identify Locations/Alternatives	0.12	0.00	0.01	0.00	0.02	0.00
CA-065 8 Maintain and Update	0.06	0.02	0.03	0.00	0.00	0.00
CA-065 9 Store and Retrieve	0.44	0.00	0.29	0.00	0.09	0.07
CA-065 10 Monitor/Compliance	0.06	0.00	0.01	0.04	0.01	0.00
CA-065 11 Reformat	0.03	0.00	0.01	0.01	0.00	0.00
CA-065 13 Draft	0.03	0.02	0.00	0.00	0.01	0.00
** Subtotal **	3.78	0.29	0.77	1.00	1.46	0.16
** SUMMARY FOR OFFICE CA-066						
CA-066 1 Locate Resource	0.04	0.00	0.04	0.00	0.00	0.00
CA-066 2 Map Resource	0.10	0.07	0.02	0.00	0.00	0.01
CA-066 3 Measure Resource	0.42	0.00	0.04	0.34	0.04	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
CA-066	4 Identify Conflicts/High Interest	0.38	0.00	0.06	0.27	0.06	0.00	0.00	0.00
CA-066	5 Map Conflicts	0.05	0.00	0.13	0.00	0.68	0.00	0.04	0.04
CA-066	6 Measure the Conflicts	0.23	0.00	0.03	0.17	0.02	0.00	0.00	0.00
CA-066	7 Identify Locations/Alternatives	0.40	0.00	0.04	0.26	0.08	0.00	0.00	0.00
CA-066	8 Maintain and Update	0.06	0.02	0.03	0.00	0.00	0.00	0.02	0.02
CA-066	9 Store and Retrieve	0.14	0.00	0.09	0.00	0.03	0.00	0.00	0.00
CA-066	10 Monitor/Compliance	0.03	0.00	0.01	0.02	0.00	0.00	0.01	0.01
CA-066	11 Reformat	0.16	0.02	0.06	0.05	0.02	0.00	0.02	0.00
CA-066	13 Draft	0.07	0.04	0.01	0.00	0.02	0.00	0.00	0.00
** Subtotal **		2.96	0.15	0.56	1.14	1.03	0.00	0.08	0.08
** SUMMARY FOR OFFICE CA-067									
CA-067	1 Locate Resource	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00
CA-067	2 Map Resource	0.28	0.11	0.03	0.00	0.13	0.00	0.01	0.01
CA-067	3 Measure Resource	0.50	0.00	0.05	0.40	0.05	0.00	0.00	0.00
CA-067	4 Identify Conflicts/High Interest	0.27	0.00	0.04	0.19	0.04	0.00	0.00	0.00
CA-067	5 Map Conflicts	0.82	0.00	0.12	0.00	0.66	0.00	0.04	0.04
CA-067	6 Measure the Conflicts	0.15	0.00	0.02	0.11	0.01	0.00	0.00	0.00
CA-067	7 Identify Locations/Alternatives	0.06	0.00	0.01	0.04	0.01	0.00	0.00	0.00
CA-067	8 Maintain and Update	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
CA-067	9 Store and Retrieve	0.42	0.00	0.27	0.00	0.08	0.00	0.06	0.06
CA-067	10 Monitor/Compliance	0.04	0.00	0.01	0.03	0.00	0.00	0.00	0.00
CA-067	11 Reformat	0.06	0.01	0.02	0.02	0.01	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
			W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
CA-067	12	Distribute	0.08	0.00	0.01	0.06
** Subtotal **			2.74	0.13	0.62	0.17
** SUMMARY FOR OFFICE CA-068						
CA-068	1	Locate Resource	0.12	0.00	0.12	0.00
CA-068	2	Map Resource	0.41	0.16	0.04	0.02
CA-068	3	Measure Resource	0.58	0.00	0.06	0.00
CA-068	4	Identify Conflicts/High Interest	0.55	0.00	0.08	0.00
CA-068	5	Map Conflicts	1.10	0.00	0.17	0.06
CA-068	6	Measure the Conflicts	0.24	0.00	0.04	0.00
CA-068	7	Identify Locations/Alternatives	0.17	0.00	0.02	0.00
CA-068	8	Maintain and Update	0.07	0.03	0.03	0.00
CA-068	9	Store and Retrieve	0.32	0.00	0.21	0.05
CA-068	10	Monitor/Compliance	0.06	0.00	0.01	0.00
CA-068	11	Reformat	0.03	0.00	0.01	0.00
CA-068	12	Distribute	0.04	0.00	0.00	0.03
CA-068	13	Draft	0.01	0.01	0.00	0.00
** Subtotal **			3.70	0.20	0.79	0.16
** SUMMARY FOR OFFICE CA-069						
CA-069	1	Locate Resource	0.12	0.00	0.12	0.00
CA-069	2	Map Resource	0.35	0.14	0.03	0.02

SPREADSHEET A-2: FUNCTIONS SUMMARY AND AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL	DATA MANIPULATION CAPABILITY		DATA ANALYSIS CAPABILITY		DATA OUTPUT CAPABILITY	
			W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	
			FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	
CA-069	3	Measure Resource	0.47	0.00	0.05	0.38	0.05	0.00	
CA-069	4	Identify Conflicts/High Interest	0.40	0.00	0.06	0.28	0.06	0.00	
CA-069	5	Map Conflicts	0.00	0.00	0.13	0.00	0.70	0.04	
CA-069	6	Measure the Conflicts	0.20	0.00	0.03	0.15	0.02	0.00	
CA-069	7	Identify Locations/Alternatives	0.03	0.00	0.01	0.05	0.02	0.00	
CA-069	8	Maintain and Update	0.07	0.03	0.03	0.00	0.00	0.00	
CA-069	9	Store and Retrieve	0.19	0.00	0.12	0.00	0.04	0.03	
CA-069	10	Monitor/Compliance	0.08	0.00	0.02	0.05	0.01	0.00	
CA-069	11	Reformat	0.03	0.00	0.01	0.01	0.00	0.00	
CA-069	12	Distribute	0.04	0.00	0.00	0.00	0.01	0.03	
CA-069	13	Draft	0.01	0.01	0.00	0.00	0.00	0.00	
** Subtotal **			2.92	0.10	0.61	0.93	1.07	0.12	
** SUMMARY FOR OFFICE CA-900									
CA-900	1	Locate Resource	1.41	0.00	1.41	0.00	0.00	0.00	
CA-900	2	Map Resource	0.02	0.01	0.00	0.00	0.01	0.00	
CA-900	3	Measure Resource	10.80	0.00	1.09	6.70	1.09	0.00	
CA-900	4	Identify Conflicts/High Interest	2.72	0.00	0.41	1.90	0.41	0.00	
CA-900	7	Identify Locations/Alternatives	1.51	0.00	0.15	1.06	0.30	0.00	
CA-900	8	Maintain and Update	0.26	0.10	0.12	0.01	0.01	0.01	
CA-900	9	Store and Retrieve	7.21	0.00	4.69	0.00	1.44	1.00	
CA-900	11	Reformat	4.69	0.47	1.64	1.64	0.70	0.23	
CA-900	12	Distribute	0.01	0.00	0.00	0.00	0.00	0.01	

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: CALIFORNIA

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL W/Y PER FUNC.	DATA ENTRY DATA MANIPULATION DATA ANALYSIS		DATA OUTPUT DATA TRANSFER	
		IN W/Y	IN W/Y	IN W/Y	IN W/Y
CA-900 13 Draft	0.40	0.22	0.04	0.00	0.00
** Subtotal **	29.11	0.80	9.55	13.31	1.33
*** Total ***	119.14	9.75	35.80	38.72	6.31

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: COLORADO

OFFICE FUNC. CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER
	W/Y PER CAPABILITY CAPABILITY CAPABILITY CAPABILITY CAPABILITY
	FUNCT. IN W/Y IN W/Y IN W/Y IN W/Y IN W/Y

** SUMMARY FOR OFFICE CO-010

CO-010	1 Locate Resource	1.62	0.00	1.62	0.00	0.00	0.00	0.00
CO-010	2 Map Resource	0.65	0.26	0.07	0.00	0.29	0.03	0.03
CO-010	3 Measure Resource	0.66	0.00	0.07	0.53	0.07	0.00	0.00
CO-010	4 Identify Conflicts/High Interest	0.27	0.00	0.04	0.19	0.04	0.00	0.00
CO-010	5 Map Conflicts	0.25	0.00	0.04	0.00	0.20	0.01	0.01
CO-010	6 Measure the Conflicts	1.40	0.00	0.21	1.05	0.14	0.00	0.00
CO-010	7 Identify Locations/Alternatives	0.93	0.00	0.09	0.65	0.19	0.00	0.00
CO-010	8 Maintain and Update	0.11	0.04	0.05	0.01	0.01	0.01	0.01
CO-010	9 Store and Retrieve	4.92	0.00	3.20	0.00	0.98	0.74	0.74
CO-010	10 Monitor/Compliance	2.75	0.14	0.55	1.79	0.28	0.00	0.00
CO-010	11 Reformat	0.40	0.04	0.14	0.14	0.06	0.02	0.02
CO-010	12 Distribute	0.59	0.00	0.06	0.00	0.12	0.41	0.41
CO-010	13 Draft	1.26	0.69	0.13	0.00	0.44	0.00	0.00
** Subtotal **		15.81	1.17	6.27	4.36	2.82	1.22	1.22

** SUMMARY FOR OFFICE CO-016

CO-016	1 Locate Resource	0.33	0.00	0.33	0.00	0.00	0.00	0.00
CO-016	2 Map Resource	0.78	0.31	0.08	0.00	0.35	0.04	0.04
CO-016	3 Measure Resource	0.25	0.00	0.03	0.20	0.03	0.00	0.00
CO-016	4 Identify Conflicts/High Interest	0.06	0.00	0.01	0.04	0.01	0.00	0.00
CO-016	6 Measure the Conflicts	0.58	0.00	0.09	0.43	0.06	0.00	0.00
CO-016	7 Identify Locations/Alternatives	0.37	0.00	0.04	0.26	0.07	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: COLORADO

OFFICE FUNC. CODE NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
CU-016	8 Maintain and Update	0.22	0.09	0.10	0.01	0.01	0.01	0.01	0.01
CU-016	9 Store and Retrieve	3.26	0.00	2.12	0.00	0.00	0.65	0.49	0.49
CU-016	10 Monitor/Compliance	0.49	0.02	0.10	0.32	0.05	0.05	0.00	0.00
CU-016	13 Draft	0.27	0.15	0.03	0.00	0.09	0.09	0.00	0.00
** Subtotal **		6.61	0.57	2.93	1.26	1.32	0.54		
** SUMMARY FOR OFFICE CU-017									
CU-017	1 Locate Resource	0.80	0.00	0.80	0.00	0.00	0.00	0.00	0.00
CU-017	2 Map Resource	0.49	0.20	0.05	0.00	0.22	0.02	0.02	0.02
CU-017	3 Measure Resource	0.33	0.00	0.03	0.26	0.03	0.00	0.00	0.00
CU-017	4 Identify Conflicts/High Interest	0.28	0.00	0.04	0.20	0.04	0.00	0.00	0.00
CU-017	6 Measure the Conflicts	0.45	0.00	0.07	0.34	0.05	0.00	0.00	0.00
CU-017	7 Identify Locations/Alternatives	0.47	0.00	0.05	0.33	0.09	0.00	0.00	0.00
CU-017	8 Maintain and Update	0.35	0.14	0.16	0.02	0.02	0.02	0.02	0.02
CU-017	9 Store and Retrieve	3.79	0.00	2.46	0.00	0.76	0.57	0.57	0.57
CU-017	10 Monitor/Compliance	1.14	0.06	0.23	0.74	0.11	0.00	0.00	0.00
CU-017	13 Draft	0.16	0.09	0.02	0.00	0.06	0.00	0.00	0.00
** Subtotal **		8.26	0.49	3.91	1.69	1.38	0.51		
** SUMMARY FOR OFFICE CU-018									
CU-018	1 Locate Resource	0.37	0.00	0.37	0.00	0.00	0.00	0.00	0.00
CU-018	2 Map Resource	0.16	0.06	0.02	0.00	0.07	0.01	0.01	0.01

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: COLORADO

OFFICE FUNC. CODE	FUNC. NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY	
			W/Y PER FUNC.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
CD-018	3	Measure Resource	0.13	0.00	0.01	0.10	0.01	0.00
CD-018	4	Identify Conflicts/High Interest	0.03	0.00	0.00	0.02	0.00	0.00
CD-018	6	Measure the Conflicts	0.31	0.00	0.05	0.23	0.03	0.00
CD-018	7	Identify Locations/Alternatives	0.19	0.00	0.02	0.13	0.04	0.00
CD-018	8	Maintain and Update	0.16	0.06	0.07	0.01	0.01	0.01
CD-018	9	Store and Retrieve	1.66	0.00	1.08	0.00	0.33	0.25
CD-018	10	Monitor/Compliance	0.15	0.01	0.03	0.10	0.01	0.00
CD-018	13	Draft	0.13	0.07	0.01	0.00	0.05	0.00
** Subtotal **			3.29	0.20	1.66	0.59	0.55	0.27
** SUMMARY FOR OFFICE CD-030								
CD-030	1	Locate Resource	0.08	0.00	0.08	0.00	0.00	0.00
CD-030	2	Map Resource	0.28	0.11	0.03	0.00	0.13	0.01
CD-030	3	Measure Resource	0.08	0.00	0.01	0.06	0.01	0.00
CD-030	4	Identify Conflicts/High Interest	0.18	0.00	0.03	0.13	0.03	0.00
CD-030	5	Map Conflicts	0.02	0.00	0.00	0.00	0.02	0.00
CD-030	6	Measure the Conflicts	0.60	0.00	0.09	0.45	0.06	0.00
CD-030	7	Identify Locations/Alternatives	1.06	0.00	0.11	0.74	0.21	0.00
CD-030	8	Maintain and Update	0.08	0.03	0.04	0.00	0.00	0.00
CD-030	9	Store and Retrieve	2.31	0.00	1.50	0.00	0.46	0.35
CD-030	10	Monitor/Compliance	0.64	0.03	0.13	0.42	0.06	0.00
CD-030	11	Reformat	0.35	0.03	0.12	0.12	0.05	0.02
CD-030	12	Distribute	0.33	0.00	0.03	0.00	0.07	0.23

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: COLORADO

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNC.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
CO-030	13 Draft	0.43	0.24	0.04	0.00	0.15	0.00
** Subtotal **		6.44	0.44	2.21	1.92	1.25	0.61
** SUMMARY FOR OFFICE CO-036							
CO-036	1 Locate Resource	0.48	0.00	0.48	0.00	0.00	0.00
CO-036	2 Map Resource	0.40	0.16	0.04	0.00	0.18	0.02
CO-036	3 Measure Resource	0.20	0.00	0.02	0.16	0.02	0.00
CO-036	4 Identify Conflicts/High Interest	0.06	0.00	0.01	0.04	0.01	0.00
CO-036	6 Measure the Conflicts	0.35	0.00	0.05	0.26	0.03	0.00
CO-036	7 Identify Locations/Alternatives	0.33	0.00	0.03	0.23	0.07	0.00
CO-036	8 Maintain and Update	0.22	0.09	0.10	0.01	0.01	0.01
CO-036	9 Store and Retrieve	2.52	0.00	1.64	0.00	0.50	0.38
CO-036	10 Monitor/Compliance	0.10	0.01	0.02	0.07	0.01	0.00
CO-036	13 Draft	0.25	0.14	0.03	0.00	0.09	0.00
** Subtotal **		4.91	0.40	2.42	0.77	0.92	0.41
** SUMMARY FOR OFFICE CO-037							
CO-037	1 Locate Resource	0.27	0.00	0.27	0.00	0.00	0.00
CO-037	2 Map Resource	0.42	0.17	0.04	0.00	0.19	0.02
CO-037	3 Measure Resource	0.09	0.00	0.01	0.07	0.01	0.00
CO-037	4 Identify Conflicts/High Interest	0.03	0.00	0.00	0.02	0.00	0.00
CO-037	5 Map Conflicts	0.02	0.00	0.00	0.00	0.02	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: COLORADO

OFFICE FUNC. CODE	DESC. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
		W/Y PER FUNC.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
CO-037	6 Measure the Conflicts	0.06	0.00	0.01	0.04
CO-037	7 Identify Locations/Alternatives	0.09	0.00	0.01	0.06
CO-037	8 Maintain and Update	0.13	0.05	0.06	0.01
CO-037	9 Store and Retrieve	0.97	0.00	0.63	0.00
CO-037	10 Monitor/Compliance	0.08	0.00	0.02	0.05
CO-037	11 Reformat	0.10	0.01	0.03	0.03
CO-037	13 Draft	0.05	0.03	0.01	0.00
** Subtotal **		2.31	0.26	1.09	0.28
					0.49
					0.19
** SUMMARY FOR OFFICE CO-038					
CO-038	1 Locate Resource	0.41	0.00	0.41	0.00
CO-038	2 Map Resource	1.44	0.58	0.14	0.00
CO-038	3 Measure Resource	0.49	0.00	0.05	0.39
CO-038	4 Identify Conflicts/High Interest	0.23	0.00	0.03	0.16
CO-038	5 Map Conflicts	0.09	0.00	0.01	0.00
CO-038	6 Measure the Conflicts	0.15	0.00	0.02	0.11
CO-038	7 Identify Locations/Alternatives	0.20	0.00	0.02	0.14
CO-038	8 Maintain and Update	0.32	0.13	0.14	0.02
CO-038	9 Store and Retrieve	3.67	0.00	2.39	0.00
CO-038	10 Monitor/Compliance	0.73	0.04	0.15	0.47
CO-038	12 Distribute	0.03	0.00	0.00	0.00
CO-038	13 Draft	0.04	0.02	0.00	0.00
					0.01
					0.00
					0.00
					0.07
					0.00
					0.00
					0.00
					0.00
					0.00
					0.02
					0.55
					0.00
					0.07
					0.01
					0.02
					0.00

SPREADSHEET 4-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: COLORADO

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY	DATA MANIPULATION	DATA ANALYSIS	DATA OUTPUT	DATA TRANSFER
CODE	OF	W/Y PER	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY
FUNCTION		FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
<hr/>							
** Subtotal **							
		7.80	0.77	3.36	1.29	1.69	0.66
<hr/>							
** SUMMARY FOR OFFICE CO-050							
CO-050	1 Locate Resource	0.61	0.00	0.81	0.00	0.00	0.00
CO-050	2 Map Resource	0.46	0.18	0.05	0.00	0.21	0.02
CO-050	3 Measure Resource	0.41	0.00	0.04	0.33	0.04	0.00
CO-050	4 Identify Conflicts/High Interest	0.26	0.00	0.04	0.18	0.04	0.00
CO-050	5 Map Conflicts	0.18	0.00	0.03	0.00	0.14	0.01
CO-050	6 Measure the Conflicts	0.50	0.00	0.07	0.38	0.05	0.00
CO-050	7 Identify Locations/Alternatives	0.47	0.00	0.05	0.33	0.09	0.00
CO-050	8 Maintain and Update	0.16	0.06	0.07	0.01	0.01	0.01
CO-050	9 Store and Retrieve	2.36	0.00	1.53	0.00	0.47	0.35
CO-050	10 Monitor/Compliance	0.75	0.04	0.15	0.49	0.08	0.00
CO-050	11 Reformat	0.13	0.01	0.05	0.05	0.02	0.01
CO-050	12 Distribute	0.29	0.00	0.03	0.00	0.06	0.20
CO-050	13 Draft	0.42	0.23	0.04	0.00	0.15	0.00
** Subtotal **							
		7.20	0.52	2.96	1.77	1.36	0.60
<hr/>							
** SUMMARY FOR OFFICE CO-056							
CO-056	1 Locate Resource	0.06	0.00	0.06	0.00	0.00	0.00
CO-056	2 Map Resource	0.02	0.01	0.00	0.00	0.01	0.00
CO-056	4 Identify Conflicts/High Interest	0.03	0.00	0.00	0.02	0.00	0.00

10/28/86

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: COLORADO

OFFICE FUNC. CODE NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER	FUNCTION.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
CO-056	6 Measure the Conflicts	0.04	0.00	0.01	0.03	0.00	0.00	0.00	0.00
CO-056	7 Identify Locations/Alternatives	0.12	0.00	0.01	0.08	0.02	0.00	0.00	0.00
CO-056	8 Maintain and Update	0.16	0.06	0.07	0.01	0.01	0.01	0.01	0.01
CO-056	9 Store and Retrieve	0.32	0.00	0.21	0.00	0.06	0.06	0.05	0.05
CO-056	10 Monitor/Compliance	0.08	0.00	0.02	0.05	0.01	0.01	0.00	0.00
CO-056	13 Draft	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
** Subtotal **		0.84	0.08	0.38	0.19	0.11	0.06	0.06	0.06
** SUMMARY FOR OFFICE CO-057									
CO-057	1 Locate Resource	0.47	0.00	0.47	0.00	0.00	0.00	0.00	0.00
CO-057	2 Map Resource	0.64	0.26	0.06	0.00	0.29	0.03	0.03	0.03
CO-057	3 Measure Resource	0.07	0.00	0.01	0.06	0.01	0.00	0.00	0.00
CO-057	4 Identify Conflicts/High Interest	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.00
CO-057	6 Measure the Conflicts	0.31	0.00	0.05	0.23	0.03	0.00	0.00	0.00
CO-057	7 Identify Locations/Alternatives	0.24	0.00	0.02	0.17	0.05	0.00	0.00	0.00
CO-057	8 Maintain and Update	0.16	0.06	0.07	0.01	0.01	0.01	0.01	0.01
CO-057	9 Store and Retrieve	1.17	0.00	0.76	0.00	0.23	0.18	0.18	0.18
CO-057	10 Monitor/Compliance	0.17	0.01	0.03	0.11	0.02	0.00	0.00	0.00
CO-057	13 Draft	0.16	0.09	0.02	0.00	0.06	0.00	0.00	0.00
** Subtotal **		3.42	0.42	1.49	0.60	0.70	0.22	0.22	0.22

10/28/86

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: COLORADO

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y	PER	W/Y	IN	W/Y	W/Y	IN	W/Y
			FUNC.							
** SUMMARY FOR OFFICE CO-058										
CO-058	2	Map Resource	0.36		0.15	0.04	0.00	0.17	0.02	0.02
CO-058	3	Measure Resource	0.02		0.00	0.00	0.02	0.00	0.00	0.00
CO-058	6	Measure the Conflicts	0.23		0.00	0.03	0.17	0.02	0.00	0.00
CO-058	7	Identify Locations/Alternatives	0.12		0.00	0.01	0.08	0.02	0.00	0.00
CO-058	9	Store and Retrieve	0.33		0.00	0.21	0.00	0.07	0.05	0.05
CO-058	13	Draft	0.15		0.08	0.01	0.00	0.05	0.00	0.00
** Subtotal **			1.23		0.23	0.30	0.27	0.33	0.07	0.07
** SUMMARY FOR OFFICE CO-070										
CO-070	1	Locate Resource	0.84		0.00	0.84	0.00	0.00	0.00	0.00
CO-070	2	Map Resource	0.97		0.39	0.10	0.00	0.44	0.05	0.05
CO-070	3	Measure Resource	0.45		0.00	0.05	0.36	0.05	0.00	0.00
CO-070	4	Identify Conflicts/High Interest	0.39		0.00	0.06	0.27	0.06	0.00	0.00
CO-070	6	Measure the Conflicts	0.49		0.00	0.07	0.37	0.05	0.00	0.00
CO-070	7	Identify Locations/Alternatives	0.43		0.00	0.04	0.30	0.09	0.00	0.00
CO-070	8	Maintain and Update	0.31		0.12	0.14	0.02	0.02	0.02	0.02
CO-070	9	Store and Retrieve	2.28		0.00	1.48	0.00	0.46	0.34	0.34
CO-070	10	Monitor/Compliance	1.18		0.06	0.24	0.77	0.12	0.00	0.00
CO-070	11	Reformat	0.28		0.03	0.10	0.10	0.04	0.01	0.01
CO-070	12	Distribute	0.06		0.00	0.01	0.00	0.02	0.06	0.06
CO-070	13	Draft	0.42		0.23	0.04	0.00	0.15	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: COLORADO

OFFICE FUNC. CODE	DESCRIPTION NO. OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
** Subtotal **							
8.12		0.83	3.17	2.19	1.50	0.48	
** SUMMARY FOR OFFICE CO-076							
CO-076	1 Locate Resource	0.50	0.00	0.50	0.00	0.00	0.00
CO-076	2 Map Resource	1.01	0.40	0.10	0.00	0.45	0.05
CO-076	3 Measure Resource	0.22	0.00	0.02	0.18	0.02	0.00
CO-076	4 Identify Conflicts/High Interest	0.03	0.00	0.00	0.02	0.00	0.00
CO-076	6 Measure the Conflicts	0.46	0.00	0.07	0.35	0.05	0.00
CO-076	7 Identify Locations/Alternatives	0.30	0.00	0.03	0.21	0.06	0.00
CO-076	8 Maintain and Update	0.16	0.06	0.07	0.01	0.01	0.01
CO-076	9 Store and Retrieve	2.77	0.00	1.80	0.00	0.55	0.42
CO-076	10 Monitor/Compliance	0.35	0.02	0.07	0.23	0.03	0.00
CO-076	11 Reformat	0.06	0.01	0.02	0.02	0.01	0.00
CO-076	12 Distribute	0.08	0.00	0.01	0.00	0.02	0.06
CO-076	13 Draft	0.27	0.15	0.03	0.00	0.09	0.00
** Subtotal **							
6.21		0.64	2.72	1.02	1.29	0.54	
** SUMMARY FOR OFFICE CO-077							
CO-077	1 Locate Resource	0.30	0.00	0.30	0.00	0.00	0.00
CO-077	2 Map Resource	0.42	0.17	0.04	0.00	0.19	0.02
CO-077	3 Measure Resource	0.10	0.00	0.01	0.08	0.01	0.00
CO-077	4 Identify Conflicts/High Interest	0.06	0.00	0.01	0.04	0.01	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: COLORADO

OFFICE CODE	FUNC. NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
			W/Y PER FUNC.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
CO-077	6	Measure the Conflicts	0.33	0.00	0.05	0.03
CO-077	7	Identify Locations/Alternatives	0.18	0.00	0.02	0.04
CO-077	8	Maintain and Update	0.16	0.06	0.07	0.01
CO-077	9	Store and Retrieve	1.54	0.00	1.00	0.31
CO-077	10	Monitor/Compliance	0.31	0.02	0.06	0.03
CO-077	13	Draft	0.08	0.04	0.01	0.03
** Subtotal **			3.46	0.29	1.57	0.66
					0.71	0.26
** SUMMARY FOR OFFICE CO-900						
CO-900	1	Locate Resource	2.53	0.00	2.53	0.00
CO-900	2	Map Resource	6.46	2.58	0.65	0.32
CO-900	3	Measure Resource	0.37	0.00	0.04	0.00
CO-900	4	Identify Conflicts/High Interest	3.27	0.00	0.49	0.00
CO-900	5	Map Conflicts	0.27	0.00	0.04	0.01
CO-900	6	Measure the Conflicts	4.22	0.00	0.63	0.00
CO-900	7	Identify Locations/Alternatives	0.52	0.00	0.05	0.00
CO-900	8	Maintain and Update	4.67	1.87	2.10	0.23
CO-900	9	Store and Retrieve	10.02	0.00	6.51	1.50
CO-900	10	Monitor/Compliance	9.57	0.48	1.91	0.00
CO-900	11	Reformat	0.35	0.03	0.12	0.02
CO-900	12	Distribute	1.31	0.00	0.13	0.92
CO-900	13	Draft	1.41	0.78	0.14	0.00
					0.00	0.49

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: COLORADO

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
	W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
	44.97	5.74	15.34	8.17
	130.90	13.05	51.78	24.54
*** Subtotal ***				
*** Total ***				

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: EASTERN STATES

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
		W/Y PER CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY	
		FUNC.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
** SUMMARY FOR OFFICE ES-020									
ES-020	1 Locate Resource	1.05	0.00	1.05	0.00	0.00	0.00	0.00	0.00
ES-020	2 Map Resource	0.41	0.16	0.04	0.00	0.00	0.18	0.02	0.02
ES-020	3 Measure Resource	0.07	0.00	0.01	0.06	0.06	0.01	0.00	0.00
ES-020	4 Identify Conflicts/High Interest	1.06	0.00	0.16	0.74	0.74	0.16	0.00	0.00
ES-020	5 Map Conflicts	2.57	0.00	0.39	0.00	0.00	2.06	0.13	0.13
ES-020	6 Measure the Conflicts	0.32	0.00	0.05	0.24	0.24	0.03	0.00	0.00
ES-020	7 Identify Locations/Alternatives	1.65	0.00	0.17	1.15	1.15	0.33	0.00	0.00
ES-020	8 Maintain and Update	0.52	0.21	0.23	0.03	0.03	0.03	0.03	0.03
ES-020	9 Store and Retrieve	2.19	0.00	1.42	0.00	0.00	0.44	0.33	0.33
ES-020	10 Monitor/Compliance	0.06	0.00	0.01	0.04	0.04	0.01	0.00	0.00
ES-020	11 Reformat	0.36	0.04	0.13	0.13	0.13	0.05	0.02	0.02
ES-020	12 Distribute	0.28	0.00	0.03	0.00	0.00	0.06	0.20	0.20
** Subtotal **		10.54	0.41	3.69	2.39	2.39	3.36	0.73	0.73
** SUMMARY FOR OFFICE ES-030									
ES-030	1 Locate Resource	2.07	0.00	2.07	0.00	0.00	0.00	0.00	0.00
ES-030	2 Map Resource	0.60	0.24	0.06	0.00	0.00	0.27	0.03	0.03
ES-030	4 Identify Conflicts/High Interest	0.49	0.00	0.07	0.34	0.34	0.07	0.00	0.00
ES-030	5 Map Conflicts	1.76	0.00	0.26	0.00	0.00	1.41	0.09	0.09
ES-030	6 Measure the Conflicts	0.16	0.00	0.02	0.12	0.12	0.02	0.00	0.00
ES-030	7 Identify Locations/Alternatives	1.31	0.00	0.13	0.92	0.92	0.26	0.00	0.00
ES-030	8 Maintain and Update	0.09	0.04	0.04	0.00	0.00	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: EASTERN STATES

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
ES-030	9 Store and Retrieve	1.86	0.00	1.21	0.00
ES-030	10 Monitor/Compliance	0.08	0.00	0.02	0.00
ES-030	11 Reformat	0.04	0.00	0.01	0.00
ES-030	12 Distribute	0.04	0.00	0.00	0.03
** Subtotal **		8.50	0.28	3.89	1.44
				2.43	0.43
** SUMMARY FOR OFFICE ES-900					
ES-900	1 Locate Resource	3.17	0.00	3.17	0.00
ES-900	2 Map Resource	2.70	1.08	0.27	0.00
ES-900	3 Measure Resource	4.98	0.00	0.50	0.00
ES-900	4 Identify Conflicts/High Interest	3.25	0.00	0.49	0.00
ES-900	5 Map Conflicts	3.51	0.00	0.53	0.18
ES-900	6 Measure the Conflicts	0.68	0.00	0.10	0.00
ES-900	7 Identify Locations/Alternatives	0.50	0.00	0.05	0.00
ES-900	8 Maintain and Update	0.44	0.18	0.20	0.02
ES-900	9 Store and Retrieve	6.38	0.00	4.15	0.00
ES-900	10 Monitor/Compliance	6.75	0.34	1.35	0.68
ES-900	11 Reformat	3.01	0.30	1.05	0.00
ES-900	12 Distribute	1.01	0.00	0.10	0.15
ES-900	13 Draft	1.75	0.96	0.18	0.71
** Subtotal **		38.13	2.86	12.14	0.00
				12.57	2.16

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: EASTERN STATES

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y

*** Total ***

57.17	3.55	19.72	16.40	14.22	3.32
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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE FNC. CODE	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFEE CAPABILITY IN W/Y
** SUMMARY FOR OFFICE ID-010							
ID-010	1 Locate Resource	0.12	0.00	0.12	0.00	0.00	0.00
ID-010	2 Map Resource	2.87	1.15	0.29	0.00	1.29	0.14
ID-010	3 Measure Resource	0.79	0.00	0.08	0.63	0.08	0.00
ID-010	4 Identify Conflicts/High Interest	0.36	0.00	0.05	0.25	0.05	0.00
ID-010	5 Map Conflicts	0.14	0.00	0.02	0.00	0.11	0.01
ID-010	6 Measure the Conflicts	0.35	0.00	0.05	0.26	0.03	0.00
ID-010	7 Identify Locations/Alternatives	0.48	0.00	0.05	0.34	0.10	0.00
ID-010	8 Maintain and Update	0.90	0.36	0.41	0.05	0.05	0.05
ID-010	9 Store and Retrieve	8.70	0.00	5.65	0.00	1.74	1.30
ID-010	10 Monitor/Compliance	0.06	0.00	0.01	0.04	0.01	0.00
ID-010	13 Draft	0.50	0.28	0.05	0.00	0.17	0.00
** Subtotal **		15.27	1.79	6.78	1.57	3.63	1.50
** SUMMARY FOR OFFICE ID-016							
ID-016	1 Locate Resource	0.21	0.00	0.21	0.00	0.00	0.00
ID-016	2 Map Resource	0.74	0.30	0.07	0.00	0.33	0.04
ID-016	3 Measure Resource	0.75	0.00	0.03	0.60	0.05	0.00
ID-016	4 Identify Conflicts/High Interest	0.15	0.00	0.02	0.10	0.02	0.00
ID-016	5 Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.01
ID-016	6 Measure the Conflicts	0.25	0.00	0.04	0.19	0.03	0.00
ID-016	7 Identify Locations/Alternatives	0.26	0.00	0.03	0.18	0.05	0.00
ID-016	8 Maintain and Update	0.12	0.05	0.05	0.01	0.01	0.01

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL		DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
			W/Y	PER	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y
ID-016	9	Store and Retrieve	2.58		0.00	1.63	0.00		0.52		0.39	
ID-016	10	Monitor/Compliance	0.13		0.01	0.03	0.03		0.01		0.00	
ID-016	13	Draft	0.05		0.03	0.01	0.00		0.02		0.00	
** Subtotal **			5.39		0.39	2.24	1.16		1.19		0.45	
** SUMMARY FOR OFFICE ID-017												
ID-017	1	Locate Resource	0.26		0.00	0.26	0.00		0.00		0.00	
ID-017	2	Map Resource	1.34		0.54	0.13	0.00		0.60		0.07	
ID-017	3	Measure Resource	1.03		0.00	0.11	0.86		0.11		0.00	
ID-017	4	Identify Conflicts/High Interest	0.28		0.00	0.04	0.20		0.04		0.00	
ID-017	6	Measure the Conflicts	0.34		0.00	0.05	0.26		0.03		0.00	
ID-017	7	Identify Locations/Alternatives	0.42		0.00	0.04	0.29		0.08		0.00	
ID-017	8	Maintain and Update	0.51		0.20	0.23	0.03		0.03		0.03	
ID-017	9	Store and Retrieve	1.43		0.00	0.93	0.00		0.29		0.21	
ID-017	10	Monitor/Compliance	0.26		0.01	0.05	0.17		0.03		0.00	
ID-017	13	Draft	0.06		0.03	0.01	0.00		0.02		0.00	
** Subtotal **			5.93		0.78	1.85	1.81		1.23		0.31	
** SUMMARY FOR OFFICE ID-018												
ID-018	1	Locate Resource	0.16		0.00	0.16	0.00		0.00		0.00	
ID-018	2	Map Resource	1.15		0.46	0.11	0.00		0.52		0.02	
ID-018	3	Measure Resource	0.83		0.00	0.03	0.66		0.03		0.00	

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE FUNC. DESCRIPTION		TOTAL		DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY	
		IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y		
ID-018	4	Identify Conflicts/High Interest	0.12	0.00	0.02	0.08	0.02	0.02	0.00	0.02	0.00	0.00	0.00
ID-018	5	Map Conflicts	0.28	0.00	0.04	0.00	0.04	0.22	0.01	0.22	0.01	0.01	0.01
ID-018	6	Measure the Conflicts	0.51	0.00	0.08	0.38	0.05	0.05	0.00	0.05	0.00	0.00	0.00
ID-018	7	Identify Locations/Alternatives	0.31	0.00	0.03	0.22	0.06	0.06	0.00	0.06	0.00	0.00	0.00
ID-018	8	Maintain and Update	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ID-018	9	Store and Retrieve	1.18	0.00	0.77	0.00	0.24	0.24	0.18	0.24	0.18	0.18	0.18
ID-018	10	Monitor/Compliance	0.18	0.01	0.04	0.12	0.02	0.02	0.00	0.02	0.00	0.00	0.00
ID-018	13	Draft	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
** Subtotal **		4.74	0.48	1.33	1.46	1.21	1.21	0.25	0.25	0.25	0.25	0.25	0.25
** SUMMARY FOR OFFICE ID-019													
ID-019	1	Locate Resource	0.18	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ID-019	2	Map Resource	0.85	0.34	0.09	0.00	0.38	0.38	0.04	0.38	0.04	0.04	0.04
ID-019	3	Measure Resource	0.72	0.00	0.07	0.58	0.07	0.07	0.00	0.07	0.00	0.00	0.00
ID-019	4	Identify Conflicts/High Interest	0.24	0.00	0.04	0.17	0.04	0.04	0.00	0.04	0.00	0.00	0.00
ID-019	5	Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.12	0.01	0.12	0.01	0.01	0.01
ID-019	6	Measure the Conflicts	0.36	0.00	0.05	0.27	0.04	0.04	0.00	0.04	0.00	0.00	0.00
ID-019	7	Identify Locations/Alternatives	0.23	0.00	0.02	0.16	0.05	0.05	0.00	0.05	0.00	0.00	0.00
ID-019	8	Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
ID-019	9	Store and Retrieve	1.05	0.00	0.68	0.00	0.21	0.21	0.16	0.21	0.16	0.16	0.16
ID-019	10	Monitor/Compliance	0.16	0.01	0.03	0.10	0.02	0.02	0.00	0.02	0.00	0.00	0.00
ID-019	13	Draft	0.03	0.02	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y

** Subtotal **

4.39	0.54	1.37	1.30	0.96	0.23
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** SUMMARY FOR OFFICE ID-020

ID-020	2 Map Resource	1.39	0.56	0.14	0.00	0.63	0.07
ID-020	3 Measure Resource	0.24	0.00	0.02	0.19	0.02	0.00
ID-020	4 Identify Conflicts/High Interest	0.16	0.00	0.02	0.11	0.02	0.00
ID-020	6 Measure the Conflicts	0.08	0.00	0.01	0.06	0.01	0.00
ID-020	7 Identify Locations/Alternatives	0.15	0.00	0.01	0.10	0.03	0.00
ID-020	8 Maintain and Update	0.17	0.07	0.08	0.01	0.01	0.01
ID-020	9 Store and Retrieve	3.22	0.00	2.09	0.00	0.64	0.48
ID-020	11 Reformat	0.06	0.01	0.02	0.02	0.01	0.00
ID-020	12 Distribute	0.08	0.00	0.01	0.00	0.02	0.06
ID-020	13 Draft	0.23	0.13	0.02	0.00	0.08	0.00

** Subtotal **

5.78	0.77	2.42	0.49	1.47	0.62
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** SUMMARY FOR OFFICE ID-025

ID-025	1 Locate Resource	0.24	0.00	0.24	0.00	0.00	0.00
ID-025	2 Map Resource	1.19	0.48	0.12	0.00	0.54	0.06
ID-025	3 Measure Resource	1.13	0.00	0.11	0.50	0.11	0.00
ID-025	4 Identify Conflicts/High Interest	0.18	0.00	0.03	0.13	0.03	0.00
ID-025	6 Measure the Conflicts	0.23	0.00	0.03	0.17	0.02	0.00
ID-025	7 Identify Locations/Alternatives	0.43	0.00	0.04	0.30	0.09	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
ID-025	8 Maintain and Update	0.08	0.03	0.04	0.00	0.00	0.00	0.00	0.00
ID-025	9 Store and Retrieve	1.50	0.00	0.98	0.00	0.30	0.23		
ID-025	10 Monitor/Compliance	0.26	0.01	0.05	0.17	0.03	0.00		
ID-025	13 Draft	0.03	0.02	0.00	0.00	0.01	0.00		
** Subtotal **		5.27	0.54	1.64	1.67	1.13	0.29		
** SUMMARY FOR OFFICE ID-029									
ID-029	1 Locate Resource	0.18	0.00	0.18	0.00	0.00	0.00		
ID-029	2 Map Resource	0.55	0.22	0.06	0.00	0.25	0.03		
ID-029	3 Measure Resource	0.47	0.00	0.05	0.38	0.05	0.00		
ID-029	4 Identify Conflicts/High Interest	0.08	0.00	0.01	0.06	0.01	0.00		
ID-029	6 Measure the Conflicts	0.15	0.00	0.02	0.11	0.01	0.00		
ID-029	7 Identify Locations/Alternatives	0.15	0.00	0.01	0.10	0.03	0.00		
ID-029	8 Maintain and Update	0.08	0.03	0.04	0.00	0.00	0.00		
ID-029	9 Store and Retrieve	0.90	0.00	0.59	0.00	0.18	0.14		
ID-029	10 Monitor/Compliance	0.11	0.01	0.02	0.07	0.01	0.00		
ID-029	13 Draft	0.04	0.02	0.00	0.00	0.01	0.00		
** Subtotal **		2.71	0.28	0.98	0.72	0.55	0.17		
** SUMMARY FOR OFFICE ID-030									
ID-030	1 Locate Resource	0.07	0.00	0.07	0.00	0.00	0.00		
ID-030	2 Map Resource	1.76	0.71	0.18	0.00	0.60	0.09		

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY	
			W/Y	PER	IN W/Y	IN W/Y	IN W/Y	IN W/Y
ID-030	3	Measure Resource	0.41	0.00	0.04	0.33	0.04	0.00
ID-030	4	Identify Conflicts/High Interest	0.45	0.00	0.07	0.32	0.07	0.00
ID-030	5	Map Conflicts	0.06	0.00	0.01	0.00	0.05	0.00
ID-030	6	Measure the Conflicts	0.33	0.00	0.05	0.25	0.03	0.00
ID-030	7	Identify Locations/Alternatives	0.25	0.00	0.03	0.17	0.05	0.00
ID-030	8	Maintain and Update	1.04	0.42	0.47	0.05	0.05	0.05
ID-030	9	Store and Retrieve	5.00	0.00	3.25	0.00	1.00	0.75
ID-030	10	Monitor/Compliance	0.01	0.00	0.00	0.01	0.00	0.00
ID-030	11	Reformat	0.06	0.01	0.02	0.02	0.01	0.00
ID-030	12	Distribute	0.08	0.00	0.01	0.00	0.02	0.06
ID-030	13	Draft	0.28	0.15	0.03	0.00	0.10	0.00
** Subtotal **			9.82	1.29	4.23	1.15	2.22	0.95

** SUMMARY FOR OFFICE ID-036

ID-036	1	Locate Resource	0.16	0.00	0.16	0.00	0.00	0.00
ID-036	2	Map Resource	0.76	0.30	0.08	0.00	0.34	0.04
ID-036	3	Measure Resource	0.67	0.00	0.07	0.54	0.07	0.00
ID-036	4	Identify Conflicts/High Interest	0.10	0.00	0.01	0.07	0.01	0.00
ID-036	6	Measure the Conflicts	0.16	0.00	0.02	0.12	0.02	0.00
ID-036	7	Identify Locations/Alternatives	0.23	0.00	0.02	0.16	0.05	0.00
ID-036	8	Maintain and Update	0.03	0.03	0.04	0.00	0.00	0.00
ID-036	9	Store and Retrieve	0.77	0.00	0.50	0.00	0.15	0.12
ID-036	10	Monitor/Compliance	0.16	0.01	0.03	0.10	0.02	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE FUNC. CODE NO. OF	DESCRIPTION FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
ID-036	13 Draft	0.03	0.02	0.00	0.00	0.01	0.00	0.00	0.00
** Subtotal **		3.12	0.36	0.93	0.99	0.67	0.16		
** SUMMARY FOR OFFICE ID-037									
ID-037	1 Locate Resource	0.18	0.00	0.18	0.00	0.00	0.00	0.00	0.00
ID-037	2 Map Resource	0.54	0.22	0.05	0.00	0.24	0.03	0.03	0.03
ID-037	3 Measure Resource	0.46	0.00	0.05	0.37	0.05	0.00	0.00	0.00
ID-037	4 Identify Conflicts/High Interest	0.08	0.00	0.01	0.06	0.01	0.00	0.00	0.00
ID-037	6 Measure the Conflicts	0.14	0.00	0.02	0.11	0.01	0.00	0.00	0.00
ID-037	7 Identify Locations/Alternatives	0.17	0.00	0.02	0.12	0.03	0.00	0.00	0.00
ID-037	8 Maintain and Update	0.08	0.03	0.04	0.00	0.00	0.00	0.00	0.00
ID-037	9 Store and Retrieve	0.90	0.00	0.59	0.00	0.18	0.14	0.00	0.14
ID-037	10 Monitor/Compliance	0.11	0.01	0.02	0.07	0.01	0.00	0.00	0.00
ID-037	13 Draft	0.04	0.02	0.00	0.00	0.01	0.00	0.00	0.00
** Subtotal **		2.70	0.28	0.96	0.73	0.54	0.17		
** SUMMARY FOR OFFICE ID-039									
ID-039	1 Locate Resource	0.14	0.00	0.14	0.00	0.00	0.00	0.00	0.00
ID-039	2 Map Resource	0.33	0.13	0.03	0.00	0.15	0.02	0.02	0.02
ID-039	3 Measure Resource	0.31	0.00	0.03	0.25	0.03	0.00	0.00	0.00
ID-039	4 Identify Conflicts/High Interest	0.22	0.00	0.03	0.15	0.03	0.00	0.00	0.00
ID-039	6 Measure the Conflicts	0.27	0.00	0.04	0.20	0.03	0.00	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE CODE	FUNC. NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
			W/Y PER CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY	
			FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
ID-039	7	Identify Locations/Alternatives	0.09	0.00	0.01	0.06	0.02	0.00	0.00	0.00
ID-039	8	Maintain and Update	0.64	0.26	0.29	0.03	0.03	0.03	0.03	0.03
ID-039	9	Store and Retrieve	1.44	0.00	0.94	0.00	0.29	0.22	0.22	0.22
ID-039	10	Monitor/Compliance	0.28	0.01	0.06	0.18	0.03	0.00	0.00	0.00
ID-039	12	Distribute	0.06	0.00	0.01	0.00	0.01	0.04	0.04	0.04
ID-039	13	Draft	0.04	0.02	0.00	0.00	0.01	0.00	0.00	0.00
** Subtotal **			3.82	0.42	1.58	0.87	0.63	0.31	0.31	0.31
** SUMMARY FOR OFFICE ID-040										
ID-040	1	Locate Resource	0.19	0.00	0.19	0.00	0.00	0.00	0.00	0.00
ID-040	2	Map Resource	1.01	0.40	0.10	0.00	0.45	0.05	0.05	0.05
ID-040	3	Measure Resource	0.27	0.00	0.03	0.22	0.03	0.00	0.00	0.00
ID-040	4	Identify Conflicts/High Interest	0.16	0.00	0.02	0.11	0.02	0.00	0.00	0.00
ID-040	6	Measure the Conflicts	0.11	0.00	0.02	0.08	0.01	0.00	0.00	0.00
ID-040	7	Identify Locations/Alternatives	0.20	0.00	0.02	0.14	0.04	0.00	0.00	0.00
ID-040	8	Maintain and Update	0.18	0.07	0.08	0.01	0.01	0.01	0.01	0.01
ID-040	9	Store and Retrieve	4.14	0.00	2.69	0.00	0.83	0.62	0.62	0.62
ID-040	10	Monitor/Compliance	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
ID-040	11	Reformat	0.06	0.01	0.02	0.02	0.01	0.00	0.00	0.00
ID-040	12	Distribute	0.08	0.00	0.01	0.00	0.02	0.06	0.06	0.06
ID-040	13	Draft	0.16	0.09	0.02	0.00	0.02	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE FUNC. NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER
CODE NO. OF FUNCTION	W/Y PER CAPABILITY CAPABILITY CAPABILITY CAPABILITY CAPABILITY
	FUNCT. IN W/Y IN W/Y IN W/Y IN W/Y IN W/Y

** Subtotal **	6.57 0.57 3.20 0.59 1.48 0.74
** SUMMARY FOR OFFICE ID-046	
ID-046 1 Locate Resource	0.20 0.00 0.20 0.00 0.00 0.00
ID-046 2 Map Resource	0.97 0.39 0.10 0.00 0.44 0.05
ID-046 3 Measure Resource	0.87 0.00 0.09 0.70 0.09 0.00
ID-046 4 Identify Conflicts/High Interest	0.25 0.00 0.04 0.17 0.04 0.00
ID-046 6 Measure the Conflicts	0.29 0.00 0.04 0.22 0.03 0.00
ID-046 7 Identify Locations/Alternatives	0.36 0.00 0.04 0.25 0.07 0.00
ID-046 8 Maintain and Update	0.42 0.17 0.19 0.02 0.02 0.02
ID-046 9 Store and Retrieve	0.96 0.00 0.62 0.00 0.19 0.14
ID-046 10 Monitor/Compliance	0.21 0.01 0.04 0.14 0.02 0.00
ID-046 13 Draft	0.03 0.02 0.00 0.00 0.01 0.00
** Subtotal **	4.56 0.59 1.36 1.50 0.91 0.21
** SUMMARY FOR OFFICE ID-048	
ID-048 1 Locate Resource	0.26 0.00 0.26 0.60 0.00 0.00
ID-048 2 Map Resource	1.01 0.40 0.10 0.00 0.45 0.05
ID-048 3 Measure Resource	0.92 0.00 0.09 0.74 0.09 0.00
ID-048 4 Identify Conflicts/High Interest	0.28 0.00 0.04 0.20 0.04 0.00
ID-048 5 Map Conflicts	0.15 0.00 0.02 0.00 0.12 0.01
ID-048 6 Measure the Conflicts	0.32 0.00 0.05 0.24 0.03 0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE CODE	FUNC. NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y	PER	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
ID-048	7	Identify Locations/Alternatives	0.36	0.00	0.04	0.25	0.07	0.00		
ID-048	8	Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02		
ID-048	9	Store and Retrieve	1.11	0.00	0.72	0.00	0.22	0.17		
ID-048	10	Monitor/Compliance	0.21	0.01	0.04	0.14	0.02	0.00		
ID-048	13	Draft	0.04	0.02	0.00	0.00	0.01	0.00		
** Subtotal **			5.08	0.60	1.55	1.59	1.07	0.25		
** SUMMARY FOR OFFICE ID-050										
ID-050	1	Locate Resource	0.07	0.00	0.07	0.00	0.00	0.00		
ID-050	2	Map Resource	1.85	0.74	0.19	0.00	0.83	0.09		
ID-050	3	Measure Resource	0.35	0.00	0.03	0.28	0.03	0.00		
ID-050	4	Identify Conflicts/High Interest	0.34	0.00	0.05	0.24	0.05	0.00		
ID-050	5	Map Conflicts	0.06	0.00	0.01	0.00	0.05	0.00		
ID-050	6	Measure the Conflicts	0.19	0.00	0.03	0.14	0.02	0.00		
ID-050	7	Identify Locations/Alternatives	0.25	0.00	0.03	0.17	0.05	0.00		
ID-050	8	Maintain and Update	0.69	0.28	0.31	0.03	0.03	0.03		
ID-050	9	Store and Retrieve	3.97	0.00	2.58	0.00	0.79	0.60		
ID-050	10	Monitor/Compliance	0.01	0.00	0.00	0.01	0.00	0.00		
ID-050	11	Reformat	0.06	0.01	0.02	0.02	0.01	0.00		
ID-050	12	Distribute	0.08	0.00	0.01	0.00	0.02	0.00		
ID-050	13	Draft	0.27	0.15	0.03	0.00	0.09	0.00		

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
	W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y

** Subtotal **	8.19	1.18	3.36	0.89	1.97	0.78		
** SUMMARY FOR OFFICE ID-056								
ID-056 1 Locate Resource	0.23	0.00	0.23	0.00	0.00	0.00	0.00	0.00
ID-056 2 Map Resource	1.08	0.43	0.11	0.00	0.49	0.05	0.05	0.05
ID-056 3 Measure Resource	1.08	0.00	0.11	0.86	0.11	0.00	0.00	0.00
ID-056 4 Identify Conflicts/High Interest	0.18	0.00	0.03	0.13	0.03	0.00	0.00	0.00
ID-056 6 Measure the Conflicts	0.20	0.00	0.03	0.15	0.02	0.00	0.00	0.00
ID-056 7 Identify Locations/Alternatives	0.42	0.00	0.04	0.29	0.08	0.00	0.00	0.00
ID-056 9 Store and Retrieve	0.75	0.00	0.49	0.00	0.15	0.11	0.11	0.11
ID-056 10 Monitor/Compliance	0.25	0.01	0.05	0.16	0.03	0.00	0.00	0.00
** Subtotal **	4.19	0.44	1.09	1.59	0.91	0.16		
** SUMMARY FOR OFFICE ID-057								
ID-057 1 Locate Resource	0.24	0.00	0.24	0.00	0.00	0.00	0.00	0.00
ID-057 2 Map Resource	1.19	0.48	0.12	0.00	0.54	0.06	0.06	0.06
ID-057 3 Measure Resource	1.08	0.00	0.11	0.86	0.11	0.00	0.00	0.00
ID-057 4 Identify Conflicts/High Interest	0.16	0.00	0.02	0.11	0.02	0.00	0.00	0.00
ID-057 6 Measure the Conflicts	0.21	0.00	0.03	0.16	0.02	0.00	0.00	0.00
ID-057 7 Identify Locations/Alternatives	0.37	0.00	0.04	0.26	0.07	0.00	0.00	0.00
ID-057 8 Maintain and Update	0.08	0.03	0.04	0.00	0.00	0.00	0.00	0.00
ID-057 9 Store and Retrieve	0.77	0.00	0.50	0.00	0.15	0.12	0.12	0.12

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE FUNC. CODE	DESC. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.		IN W/Y		IN W/Y		IN W/Y	
ID-066	2 Map Resource	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ID-066	3 Measure Resource	0.97	0.00	0.10	0.73	0.10	0.10	0.00	0.00
ID-066	4 Identify Conflicts/High Interest	0.19	0.00	0.03	0.13	0.03	0.03	0.00	0.00
ID-066	7 Identify Locations/Alternatives	0.26	0.00	0.03	0.18	0.05	0.05	0.00	0.00
ID-066	9 Store and Retrieve	0.19	0.00	0.12	0.00	0.04	0.04	0.03	0.03
ID-066	11 Reformat	0.14	0.01	0.05	0.05	0.02	0.02	0.01	0.01
** Subtotal **		1.93	0.01	0.55	1.14	0.24	0.24	0.04	0.04
** SUMMARY FOR OFFICE ID-067									
ID-067	1 Locate Resource	0.17	0.00	0.17	0.00	0.00	0.00	0.00	0.00
ID-067	2 Map Resource	0.16	0.06	0.02	0.00	0.07	0.07	0.01	0.01
ID-067	3 Measure Resource	0.68	0.00	0.07	0.54	0.07	0.07	0.00	0.00
ID-067	4 Identify Conflicts/High Interest	0.24	0.00	0.04	0.17	0.04	0.04	0.00	0.00
ID-067	5 Map Conflicts	0.24	0.00	0.04	0.00	0.19	0.19	0.01	0.01
ID-067	6 Measure the Conflicts	0.10	0.00	0.01	0.08	0.01	0.01	0.00	0.00
ID-067	7 Identify Locations/Alternatives	0.23	0.00	0.02	0.16	0.05	0.05	0.00	0.00
ID-067	8 Maintain and Update	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ID-067	9 Store and Retrieve	0.66	0.00	0.43	0.00	0.13	0.13	0.10	0.10
ID-067	10 Monitor/Compliance	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
ID-067	11 Reformat	0.08	0.01	0.03	0.03	0.01	0.01	0.00	0.00
** Subtotal **		2.53	0.07	0.83	0.99	0.57	0.57	0.12	0.12

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: IDAHO

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y	PER	W/Y	IN	W/Y	IN	W/Y	IN
		FUNCT.		W/Y	W/Y	W/Y	W/Y	W/Y	W/Y
** SUMMARY FOR OFFICE ID-900									
ID-900	1 Locate Resource	1.54		0.00	1.54	0.00	0.00	0.00	0.00
ID-900	2 Map Resource	4.52		1.81	0.45	0.00	2.03	0.23	0.23
ID-900	3 Measure Resource	2.59		0.00	0.26	2.07	0.26	0.00	0.00
ID-900	4 Identify Conflicts/High Interest	2.01		0.00	0.30	1.41	0.30	0.00	0.00
ID-900	5 Map Conflicts	0.08		0.00	0.01	0.00	0.06	0.00	0.00
ID-900	6 Measure the Conflicts	1.44		0.00	0.22	1.08	0.14	0.00	0.00
ID-900	7 Identify Locations/Alternatives	0.13		0.00	0.01	0.09	0.03	0.00	0.00
ID-900	8 Maintain and Update	2.48		0.99	1.12	0.12	0.12	0.12	0.12
ID-900	9 Store and Retrieve	6.02		0.00	3.91	0.00	1.20	0.90	0.90
ID-900	10 Monitor/Compliance	4.70		0.24	0.94	3.06	0.47	0.00	0.00
ID-900	11 Reformat	1.10		0.11	0.39	0.39	0.17	0.06	0.06
ID-900	12 Distribute	0.42		0.00	0.04	0.00	0.08	0.29	0.29
ID-900	13 Draft	0.83		0.46	0.08	0.00	0.29	0.00	0.00
** Subtotal **		27.86		3.61	9.27	8.22	5.15	1.60	1.60
*** Total ***		139.10		15.30	50.23	33.45	29.67	9.84	9.84

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: MONTANA

OFFICE FUNC. CODE	FUNC. NO. OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER		
			CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY		
			IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	
** SUMMARY FOR OFFICE MT-020													
MT-020	1 Locate Resource	0.77	0.00		0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MT-020	2 Map Resource	0.49	0.20		0.05	0.00	0.00	0.22	0.02	0.02	0.02	0.02	
MT-020	3 Measure Resource	0.29	0.00		0.03	0.23	0.03	0.05	0.07	0.00	0.00	0.00	
MT-020	4 Identify Conflicts/High Interest	0.35	0.00		0.05	0.24	0.05	0.05	0.05	0.00	0.00	0.00	
MT-020	5 Map Conflicts	0.09	0.00		0.01	0.00	0.00	0.07	0.00	0.00	0.00	0.00	
MT-020	6 Measure the Conflicts	0.95	0.00		0.14	0.71	0.10	0.10	0.17	0.00	0.00	0.00	
MT-020	7 Identify Locations/Alternatives	0.83	0.00		0.08	0.58	0.17	0.02	0.02	0.02	0.02	0.02	
MT-020	8 Maintain and Update	0.47	0.19		0.21	0.02	0.00	0.62	0.46	0.00	0.00	0.00	
MT-020	9 Store and Retrieve	3.10	0.00		2.02	0.00	0.70	0.11	0.04	0.06	0.20	0.00	
MT-020	10 Monitor/Compliance	1.07	0.05		0.21	0.10	0.10	0.04	0.06	0.22	0.00	0.00	
MT-020	11 Reformat	0.30	0.03		0.10	0.03	0.00	0.06	0.22	0.00	0.00	0.00	
MT-020	12 Distribute	0.29	0.00		0.03	0.00	0.00	0.06	0.22	0.00	0.00	0.00	
MT-020	13 Draft	0.64	0.35		0.06	0.00	0.00	0.06	0.22	0.00	0.00	0.00	
** Subtotal **		9.64	0.82		3.76	2.58	1.71	0.71	0.71	0.71	0.71	0.71	
** SUMMARY FOR OFFICE MT-025													
MT-025	1 Locate Resource	0.09	0.00		0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MT-025	2 Map Resource	0.44	0.18		0.04	0.00	0.00	0.20	0.02	0.02	0.02	0.02	
MT-025	3 Measure Resource	0.18	0.00		0.02	0.14	0.02	0.02	0.02	0.00	0.00	0.00	
MT-025	4 Identify Conflicts/High Interest	0.08	0.00		0.01	0.06	0.01	0.06	0.01	0.01	0.00	0.00	
MT-025	5 Map Conflicts	0.15	0.00		0.02	0.00	0.00	0.12	0.01	0.01	0.01	0.01	
MT-025	6 Measure the Conflicts	0.38	0.00		0.06	0.29	0.04	0.04	0.06	0.20	0.02	0.00	

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: MONTANA

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
MT-025	7 Identify Locations/Alternatives	0.27	0.00	0.03	0.00
MT-025	8 Maintain and Update	0.19	0.08	0.09	0.01
MT-025	9 Store and Retrieve	1.41	0.00	0.92	0.21
MT-025	10 Monitor/Compliance	0.33	0.02	0.07	0.00
MT-025	13 Draft	0.16	0.09	0.02	0.00
** Subtotal **		3.68	0.37	1.37	0.25
** SUMMARY FOR OFFICE MT-026					
MT-026	1 Locate Resource	0.07	0.00	0.07	0.00
MT-026	2 Map Resource	0.20	0.08	0.02	0.01
MT-026	3 Measure Resource	0.13	0.00	0.01	0.00
MT-026	4 Identify Conflicts/High Interest	0.08	0.00	0.01	0.00
MT-026	5 Map Conflicts	0.15	0.00	0.02	0.01
MT-026	6 Measure the Conflicts	0.36	0.00	0.05	0.00
MT-026	7 Identify Locations/Alternatives	0.29	0.00	0.03	0.00
MT-026	8 Maintain and Update	0.25	0.10	0.11	0.01
MT-026	9 Store and Retrieve	0.90	0.00	0.59	0.14
MT-026	10 Monitor/Compliance	0.15	0.01	0.03	0.00
MT-026	13 Draft	0.13	0.07	0.01	0.00
** Subtotal **		2.71	0.26	0.95	0.17

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: MONTANA

OFFICE FUNC. DESCRIPTION		TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER				
CODE NO.	OF	W/Y PER	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY
FUNCTION		FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y

** SUMMARY FOR OFFICE MT-027						
MT-027	1 Locate Resource	0.26	0.00	0.26	0.00	0.00
MT-027	2 Map Resource	0.20	0.08	0.02	0.00	0.01
MT-027	4 Identify Conflicts/High Interest	0.04	0.00	0.01	0.03	0.00
MT-027	5 Map Conflicts	0.25	0.00	0.04	0.00	0.01
MT-027	7 Identify Locations/Alternatives	0.03	0.00	0.00	0.02	0.00
MT-027	8 Maintain and Update	0.15	0.06	0.07	0.01	0.01
MT-027	9 Store and Retrieve	0.40	0.00	0.26	0.00	0.06
MT-027	10 Monitor/Compliance	0.30	0.01	0.06	0.20	0.00
** Subtotal **		1.63	0.15	0.72	0.26	0.09
** SUMMARY FOR OFFICE MT-028						
MT-028	1 Locate Resource	0.05	0.00	0.05	0.00	0.00
MT-028	2 Map Resource	0.30	0.12	0.03	0.00	0.01
MT-028	3 Measure Resource	0.13	0.00	0.01	0.10	0.00
MT-028	4 Identify Conflicts/High Interest	0.06	0.00	0.01	0.04	0.00
MT-028	5 Map Conflicts	0.15	0.00	0.02	0.00	0.01
MT-028	6 Measure the Conflicts	0.22	0.00	0.03	0.17	0.00
MT-028	7 Identify Locations/Alternatives	0.16	0.00	0.02	0.11	0.00
MT-028	8 Maintain and Update	0.13	0.05	0.06	0.01	0.01
MT-028	9 Store and Retrieve	0.60	0.00	0.52	0.00	0.12
MT-028	10 Monitor/Compliance	0.18	0.01	0.04	0.12	0.00
MT-028	13 Draft	0.10	0.06	0.01	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: MONTANA

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
** Subtotal **			2.28	0.24	0.80	0.55	0.55	0.15
** SUMMARY FOR OFFICE MT-030								
MT-030	1	Locate Resource	0.59	0.00	0.59	0.00	0.00	0.00
MT-030	2	Map Resource	0.75	0.30	0.08	0.00	0.34	0.04
MT-030	3	Measure Resource	0.07	0.00	0.01	0.06	0.01	0.00
MT-030	4	Identify Conflicts/High Interest	0.41	0.00	0.06	0.29	0.06	0.00
MT-030	5	Map Conflicts	1.23	0.00	0.16	0.00	0.98	0.06
MT-030	6	Measure the Conflicts	0.20	0.00	0.03	0.15	0.02	0.00
MT-030	7	Identify Locations/Alternatives	0.23	0.00	0.02	0.16	0.05	0.00
MT-030	8	Maintain and Update	0.44	0.18	0.20	0.02	0.02	0.02
MT-030	9	Store and Retrieve	1.21	0.00	0.79	0.00	0.24	0.18
MT-030	10	Monitor/Compliance	0.02	0.00	0.00	0.01	0.00	0.00
MT-030	11	Reformat	0.14	0.01	0.05	0.05	0.02	0.01
MT-030	12	Distribute	0.14	0.00	0.01	0.00	0.03	0.10
** Subtotal **			5.43	0.49	2.02	0.74	1.77	0.41
** SUMMARY FOR OFFICE MT-060								
MT-060	1	Locate Resource	0.86	0.00	0.86	0.00	0.00	0.00
MT-060	2	Map Resource	0.76	0.30	0.08	0.00	0.34	0.04
MT-060	3	Measure Resource	0.33	0.00	0.03	0.26	0.03	0.00
MT-060	4	Identify Conflicts/High Interest	0.36	0.00	0.05	0.25	0.05	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: MONTANA

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
MT-060	6 Measure the Conflicts	1.13	0.00	0.17	0.85
MT-060	7 Identify Locations/Alternatives	0.85	0.00	0.09	0.59
MT-060	8 Maintain and Update	0.24	0.10	0.11	0.01
MT-060	9 Store and Retrieve	4.45	0.00	2.89	0.00
MT-060	10 Monitor/Compliance	0.89	0.04	0.18	0.58
MT-060	11 Reformat	0.44	0.04	0.15	0.15
MT-060	12 Distribute	0.48	0.00	0.05	0.00
MT-060	13 Draft	0.79	0.43	0.08	0.00
** Subtotal **		11.58	0.91	4.74	2.69
				2.14	1.08
** SUMMARY FOR OFFICE MT-065					
MT-065	1 Locate Resource	0.03	0.00	0.03	0.00
MT-065	2 Map Resource	0.02	0.01	0.00	0.00
MT-065	3 Measure Resource	0.03	0.00	0.00	0.00
MT-065	4 Identify Conflicts/High Interest	0.03	0.00	0.00	0.00
MT-065	6 Measure the Conflicts	0.04	0.00	0.01	0.00
MT-065	7 Identify Locations/Alternatives	0.15	0.00	0.01	0.10
MT-065	8 Maintain and Update	0.19	0.08	0.09	0.01
MT-065	9 Store and Retrieve	0.19	0.00	0.12	0.00
MT-065	10 Monitor/Compliance	0.09	0.00	0.02	0.06
MT-065	13 Draft	0.03	0.02	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: MONTANA

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	OUTPUT DATA CAPABILITY IN W/Y	TRANSFER CAPABILITY IN W/Y
** Subtotal **							
** SUMMARY FOR OFFICE MT-066							
MT-066	1 Locate Resource	0.05	0.00	0.05	0.00	0.00	0.00
MT-066	2 Map Resource	0.28	0.11	0.03	0.00	0.13	0.01
MT-066	4 Identify Conflicts/High Interest	0.05	0.00	0.01	0.03	0.01	0.00
MT-066	5 Measure the Conflicts	0.10	0.00	0.01	0.08	0.01	0.00
MT-066	7 Identify Locations/Alternatives	0.16	0.00	0.02	0.11	0.03	0.00
MT-066	8 Maintain and Update	0.16	0.06	0.07	0.01	0.01	0.01
MT-066	9 Store and Retrieve	0.24	0.00	0.16	0.00	0.05	0.04
MT-066	10 Monitor/Compliance	0.25	0.01	0.05	0.16	0.03	0.00
** Subtotal **							
		1.29	0.18	0.40	0.39	0.27	0.06
** SUMMARY FOR OFFICE MT-067							
MT-067	1 Locate Resource	0.05	0.00	0.05	0.00	0.00	0.00
MT-067	2 Map Resource	0.30	0.12	0.03	0.00	0.14	0.01
MT-067	3 Measure Resource	0.05	0.00	0.01	0.04	0.01	0.00
MT-067	4 Identify Conflicts/High Interest	0.08	0.00	0.01	0.06	0.01	0.00
MT-067	5 Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.01
MT-067	6 Measure the Conflicts	0.24	0.00	0.04	0.18	0.02	0.00
MT-067	7 Identify Locations/Alternatives	0.20	0.00	0.02	0.14	0.04	0.00
MT-067	8 Maintain and Update	0.16	0.06	0.07	0.01	0.01	0.01

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: MONTANA

OFFICE FUNC. DESCRIPTION		TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER				
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	W/Y CAPABILITY	W/Y CAPABILITY	W/Y CAPABILITY	W/Y CAPABILITY
		IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
MI-067	9 Store and Retrieve	0.34	0.00	0.22	0.00	0.07
MI-067	10 Monitor/Compliance	0.25	0.01	0.05	0.16	0.03
MI-067	13 Draft	0.07	0.04	0.01	0.00	0.02
** Subtotal **		1.89	0.23	0.53	0.59	0.47
** SUMMARY FOR OFFICE MI-068						
MI-068	1 Locate Resource	0.06	0.00	0.06	0.00	0.00
MI-068	2 Map Resource	0.40	0.16	0.04	0.00	0.18
MI-068	3 Measure Resource	0.16	0.00	0.02	0.13	0.02
MI-068	4 Identify Conflicts/High Interest	0.11	0.00	0.02	0.08	0.02
MI-068	6 Measure the Conflicts	0.12	0.00	0.02	0.09	0.01
MI-068	7 Identify Locations/Alternatives	0.29	0.00	0.03	0.20	0.06
MI-068	8 Maintain and Update	0.09	0.04	0.04	0.00	0.00
MI-068	9 Store and Retrieve	1.13	0.00	0.73	0.00	0.23
MI-068	10 Monitor/Compliance	0.41	0.02	0.06	0.27	0.04
MI-068	12 Distribute	0.01	0.00	0.00	0.00	0.00
MI-068	13 Draft	0.03	0.02	0.00	0.00	0.01
** Subtotal **		2.81	0.24	1.04	0.77	0.57
** SUMMARY FOR OFFICE MI-069						
MI-069	1 Locate Resource	0.06	0.00	0.06	0.00	0.00
MI-069	2 Map Resource	0.02	0.01	0.00	0.00	0.01

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: MONTANA

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y	PER	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
			FUNC.	FUNC.						
MT-069	3	Measure Resource	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.00
MT-069	4	Identify Conflicts/High Interest	0.05	0.00	0.01	0.03	0.01	0.01	0.00	0.00
MT-069	6	Measure the Conflicts	0.21	0.00	0.03	0.16	0.02	0.02	0.00	0.00
MT-069	7	Identify Locations/Alternatives	0.20	0.00	0.02	0.14	0.04	0.04	0.00	0.00
MT-069	8	Maintain and Update	0.16	0.06	0.07	0.01	0.01	0.01	0.01	0.01
MT-069	9	Store and Retrieve	0.30	0.00	0.20	0.00	0.06	0.06	0.04	0.04
MT-069	10	Monitor/Compliance	0.09	0.00	0.02	0.06	0.01	0.01	0.00	0.00
MT-069	13	Draft	0.10	0.06	0.01	0.00	0.03	0.03	0.00	0.00
** Subtotal **			1.22	0.13	0.42	0.42	0.19	0.19	0.05	0.05
** SUMMARY FOR OFFICE MT-070										
MT-070	1	Locate Resource	0.19	0.00	0.19	0.00	0.00	0.00	0.00	0.00
MT-070	2	Map Resource	2.88	1.15	0.29	0.00	1.30	1.30	0.14	0.14
MT-070	3	Measure Resource	0.47	0.00	0.05	0.38	0.05	0.05	0.00	0.00
MT-070	4	Identify Conflicts/High Interest	0.47	0.00	0.07	0.33	0.07	0.07	0.00	0.00
MT-070	5	Map Conflicts	0.19	0.00	0.03	0.00	0.15	0.15	0.01	0.01
MT-070	6	Measure the Conflicts	0.21	0.00	0.03	0.16	0.02	0.02	0.00	0.00
MT-070	7	Identify Locations/Alternatives	0.16	0.00	0.02	0.11	0.03	0.03	0.00	0.00
MT-070	8	Maintain and Update	0.97	0.33	0.44	0.05	0.05	0.05	0.05	0.05
MT-070	9	Store and Retrieve	5.48	0.00	3.56	0.00	1.10	1.10	0.82	0.82
MT-070	10	Monitor/Compliance	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
MT-070	11	Reformat	0.06	0.01	0.02	0.02	0.01	0.01	0.00	0.00
MT-070	12	Distribute	0.08	0.00	0.01	0.00	0.02	0.02	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: MONTANA

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y	PER	W/Y	IN	W/Y	W/Y	IN	W/Y
			FUNC.	W/Y	IN	W/Y	IN	W/Y	IN	W/Y
MT-070	13	Draft	0.52	0.29	0.05	0.00	0.18	0.00	0.00	0.00
** Subtotal **			11.69	1.84	4.76	1.06	2.98	1.08		
** SUMMARY FOR OFFICE MT-075										
MT-075	1	Locate Resource	0.13	0.00	0.13	0.00	0.00	0.00	0.00	0.00
MT-075	2	Map Resource	0.14	0.06	0.01	0.00	0.06	0.01	0.01	0.01
MT-075	3	Measure Resource	1.05	0.00	0.11	0.84	0.11	0.00	0.00	0.00
MT-075	4	Identify Conflicts/High Interest	0.37	0.00	0.06	0.26	0.06	0.00	0.00	0.00
MT-075	7	Identify Locations/Alternatives	0.60	0.00	0.06	0.42	0.12	0.00	0.00	0.00
MT-075	8	Maintain and Update	0.04	0.02	0.02	0.00	0.00	0.00	0.00	0.00
MT-075	9	Store and Retrieve	0.40	0.00	0.26	0.00	0.08	0.06	0.06	0.06
MT-075	11	Reformat	0.05	0.01	0.02	0.02	0.01	0.00	0.00	0.00
MT-075	12	Distribute	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01
MT-075	13	Draft	0.43	0.24	0.04	0.00	0.15	0.00	0.00	0.00
** Subtotal **			3.22	0.33	0.71	1.54	0.59	0.08		
** SUMMARY FOR OFFICE MT-076										
MT-076	1	Locate Resource	0.17	0.00	0.17	0.00	0.00	0.00	0.00	0.00
MT-076	2	Map Resource	0.11	0.04	0.01	0.00	0.05	0.01	0.01	0.01
MT-076	3	Measure Resource	0.14	0.00	0.01	0.11	0.01	0.00	0.00	0.00
MT-076	4	Identify Conflicts/High Interest	0.05	0.00	0.01	0.03	0.01	0.00	0.00	0.00
MT-076	6	Measure the Conflicts	0.23	0.00	0.03	0.17	0.02	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: MONTANA

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY	
			W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
MT-076	7	Identify Locations/Alternatives	0.20	0.00	0.02	0.14	0.04	0.00
MT-076	8	Maintain and Update	0.20	0.08	0.09	0.01	0.01	0.01
MT-076	9	Store and Retrieve	0.51	0.00	0.33	0.00	0.10	0.08
MT-076	10	Monitor/Compliance	0.61	0.03	0.12	0.40	0.06	0.00
MT-076	13	Draft	0.10	0.06	0.01	0.00	0.03	0.00
** Subtotal **			2.32	0.21	0.60	0.65	0.33	0.10
** SUMMARY FOR OFFICE MT-077								
MT-077	1	Locate Resource	0.38	0.00	0.36	0.00	0.00	0.00
MT-077	2	Map Resource	1.33	0.53	0.13	0.00	0.60	0.07
MT-077	3	Measure Resource	1.23	0.00	0.12	0.98	0.12	0.00
MT-077	4	Identify Conflicts/High Interest	0.31	0.00	0.05	0.22	0.05	0.00
MT-077	5	Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.01
MT-077	6	Measure the Conflicts	0.41	0.00	0.06	0.31	0.04	0.00
MT-077	7	Identify Locations/Alternatives	0.42	0.00	0.04	0.29	0.08	0.00
MT-077	8	Maintain and Update	0.51	0.20	0.23	0.03	0.03	0.03
MT-077	9	Store and Retrieve	2.59	0.00	1.66	0.00	0.52	0.39
MT-077	10	Monitor/Compliance	0.34	0.02	0.07	0.22	0.03	0.00
MT-077	13	Draft	0.08	0.04	0.01	0.00	0.03	0.00
** Subtotal **			7.75	0.79	2.79	2.05	1.62	0.50

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: MONTANA

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
** SUMMARY FOR OFFICE MT-900							
MT-900	1 Locate Resource	4.13	0.00	4.13	0.00	0.00	0.00
MT-900	2 Map Resource	4.20	1.68	0.42	0.00	1.89	0.21
MT-900	3 Measure Resource	0.15	0.00	0.01	0.12	0.01	0.00
MT-900	4 Identify Conflicts/High Interest	3.03	0.00	0.45	2.12	0.45	0.00
MT-900	5 Map Conflicts	0.09	0.00	0.01	0.00	0.07	0.00
MT-900	6 Measure the Conflicts	2.46	0.00	0.37	1.84	0.25	0.00
MT-900	7 Identify Locations/Alternatives	0.18	0.00	0.02	0.13	0.04	0.00
MT-900	8 Maintain and Update	3.43	1.37	1.54	0.17	0.17	0.17
MT-900	9 Store and Retrieve	8.44	0.00	5.49	0.00	1.69	1.27
MT-900	10 Monitor/Compliance	13.33	0.67	2.67	8.66	1.33	0.00
MT-900	11 Reformat	0.35	0.03	0.12	0.12	0.05	0.02
MT-900	12 Distribute	1.35	0.00	0.14	0.00	0.27	0.94
MT-900	13 Draft	0.66	0.36	0.07	0.00	0.23	0.00
** Subtotal **		41.80	4.11	15.44	13.16	6.45	2.61
*** Total ***		111.74	11.41	41.53	29.54	21.58	7.66

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY
--										
** SUMMARY FOR OFFICE NV-010										
NV-010	2 Map Resource	2.10	0.84	0.21	0.00	0.95	0.11			
NV-010	3 Measure Resource	0.42	0.00	0.04	0.34	0.04	0.00			
NV-010	4 Identify Conflicts/High Interest	0.27	0.00	0.04	0.19	0.04	0.00			
NV-010	5 Map Conflicts	0.06	0.00	0.01	0.00	0.05	0.00			
NV-010	6 Measure the Conflicts	0.18	0.00	0.03	0.14	0.02	0.00			
NV-010	7 Identify Locations/Alternatives	0.31	0.00	0.03	0.22	0.06	0.00			
NV-010	8 Maintain and Update	0.71	0.28	0.32	0.04	0.04	0.04			
NV-010	9 Store and Retrieve	7.52	0.00	4.89	0.00	1.50	1.13			
NV-010	10 Monitor/Compliance	0.02	0.00	0.00	0.01	0.00	0.00			
NV-010	11 Reformat	0.06	0.01	0.02	0.02	0.01	0.00			
NV-010	12 Distribute	0.08	0.00	0.01	0.00	0.02	0.06			
NV-010	13 Draft	0.35	0.19	0.03	0.00	0.12	0.00			
** Subtotal **		12.08	1.32	5.63	0.96	2.85	1.34			
** SUMMARY FOR OFFICE NV-016										
NV-016	1 Locate Resource	0.44	0.00	0.44	0.00	0.00	0.00			
NV-016	2 Map Resource	2.35	0.94	0.24	0.00	1.06	0.12			
NV-016	3 Measure Resource	2.06	0.00	0.21	1.65	0.21	0.00			
NV-016	4 Identify Conflicts/High Interest	0.45	0.00	0.07	0.32	0.07	0.00			
NV-016	5 Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.01			
NV-016	6 Measure the Conflicts	0.48	0.00	0.07	0.36	0.05	0.00			
NV-016	7 Identify Locations/Alternatives	0.74	0.00	0.07	0.52	0.15	0.00			

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
NV-016	8 Maintain and Update	0.51	0.20	0.23	0.03	0.03	0.03	0.03	0.03
NV-016	9 Store and Retrieve	1.53	0.00	0.99	0.00	0.00	0.31	0.31	0.23
NV-016	10 Monitor/Compliance	0.48	0.02	0.10	0.31	0.05	0.05	0.00	0.00
NV-016	13 Draft	0.06	0.03	0.01	0.00	0.02	0.00	0.00	0.00
** Subtotal **		9.25	1.19	2.45	3.19	2.07	0.39		
** SUMMARY FOR OFFICE NV-017									
NV-017	1 Locate Resource	0.48	0.00	0.48	0.00	0.00	0.00	0.00	0.00
NV-017	2 Map Resource	2.55	1.02	0.26	0.00	1.15	0.13	0.13	0.13
NV-017	3 Measure Resource	2.21	0.00	0.22	1.77	0.22	0.00	0.00	0.00
NV-017	4 Identify Conflicts/High Interest	0.45	0.00	0.07	0.32	0.07	0.00	0.00	0.00
NV-017	6 Measure the Conflicts	0.47	0.00	0.07	0.35	0.05	0.00	0.00	0.00
NV-017	7 Identify Locations/Alternatives	0.79	0.00	0.08	0.55	0.16	0.00	0.00	0.00
NV-017	8 Maintain and Update	0.51	0.20	0.23	0.03	0.03	0.03	0.03	0.03
NV-017	9 Store and Retrieve	1.59	0.00	1.03	0.00	0.32	0.24	0.24	0.24
NV-017	10 Monitor/Compliance	0.54	0.03	0.11	0.35	0.05	0.00	0.00	0.00
NV-017	13 Draft	0.06	0.03	0.01	0.00	0.02	0.00	0.00	0.00
** Subtotal **		9.65	1.28	2.56	3.37	2.07	0.40		
** SUMMARY FOR OFFICE NV-020									
NV-020	1 Locate Resource	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00
NV-020	2 Map Resource	1.05	0.42	0.11	0.00	0.47	0.05	0.05	0.05

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE FUNC. CODE	NO. OF FUNCTION	DESCRIPTION	TOTAL		DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
			W/Y PER FUNCT.		CAPABILITY		IN W/Y		CAPABILITY		CAPABILITY	
			IN W/Y		IN W/Y		IN W/Y		IN W/Y		IN W/Y	
NV-020	3	Measure Resource	0.41	0.00	0.04	0.33	0.04	0.00	0.04	0.00	0.00	0.00
NV-020	4	Identify Conflicts/High Interest	0.26	0.00	0.04	0.18	0.04	0.00	0.04	0.00	0.00	0.00
NV-020	6	Measure the Conflicts	0.21	0.00	0.03	0.16	0.02	0.00	0.02	0.00	0.00	0.00
NV-020	7	Identify Locations/Alternatives	0.15	0.00	0.01	0.10	0.03	0.00	0.03	0.00	0.00	0.00
NV-020	8	Maintain and Update	0.53	0.21	0.24	0.03	0.03	0.03	0.03	0.03	0.03	0.03
NV-020	9	Store and Retrieve	4.14	0.00	2.69	0.00	0.83	0.62	0.83	0.62	0.62	0.62
NV-020	10	Monitor/Compliance	0.03	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00
NV-020	13	Draft	0.10	0.06	0.01	0.00	0.03	0.00	0.03	0.00	0.00	0.00
** Subtotal **			6.95	0.69	3.25	0.82	1.49	0.70	1.49	0.70	0.70	0.70
** SUMMARY FOR OFFICE NV-026												
NV-026	1	Locate Resource	0.36	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NV-026	2	Map Resource	1.98	0.79	0.20	0.00	0.89	0.10	0.89	0.10	0.10	0.10
NV-026	3	Measure Resource	1.86	0.00	0.19	1.49	0.19	0.00	0.19	0.00	0.00	0.00
NV-026	4	Identify Conflicts/High Interest	0.43	0.00	0.06	0.30	0.06	0.00	0.06	0.00	0.00	0.00
NV-026	5	Map Conflicts	0.27	0.00	0.04	0.00	0.22	0.01	0.22	0.01	0.01	0.01
NV-026	6	Measure the Conflicts	0.47	0.00	0.07	0.35	0.05	0.00	0.05	0.00	0.00	0.00
NV-026	7	Identify Locations/Alternatives	0.62	0.00	0.06	0.43	0.12	0.00	0.12	0.00	0.00	0.00
NV-026	8	Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02	0.02	0.02	0.02	0.02
NV-026	9	Store and Retrieve	1.80	0.00	1.17	0.00	0.36	0.27	0.36	0.27	0.27	0.27
NV-026	10	Monitor/Compliance	0.41	0.02	0.08	0.27	0.04	0.00	0.04	0.00	0.00	0.00
NV-026	13	Draft	0.03	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
Subtotal		8.65	1.00		2.42	2.86	1.96		0.40			
SUMMARY FOR OFFICE NV-027												
NV-027	1	Locate Resource	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NV-027	2	Map Resource	1.42	0.57	0.14	0.00	0.64	0.07	0.07	0.07	0.07	0.07
NV-027	3	Measure Resource	1.23	0.00	0.12	0.98	0.12	0.00	0.00	0.00	0.00	0.00
NV-027	4	Identify Conflicts/High Interest	0.31	0.00	0.05	0.22	0.05	0.00	0.00	0.00	0.00	0.00
NV-027	5	Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.01	0.01	0.01	0.01	0.01
NV-027	6	Measure the Conflicts	0.54	0.00	0.08	0.41	0.05	0.00	0.00	0.00	0.00	0.00
NV-027	7	Identify Locations/Alternatives	0.43	0.00	0.04	0.30	0.09	0.00	0.00	0.00	0.00	0.00
NV-027	8	Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02	0.02	0.02	0.02	0.02
NV-027	9	Store and Retrieve	2.36	0.00	1.53	0.00	0.47	0.35	0.35	0.35	0.35	0.35
NV-027	10	Monitor/Compliance	0.40	0.02	0.08	0.26	0.04	0.00	0.00	0.00	0.00	0.00
NV-027	13	Draft	0.03	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Subtotal		7.56	0.78		2.52	2.19	1.61		0.45			
SUMMARY FOR OFFICE NV-030												
NV-030	2	Map Resource	2.18	0.87	0.22	0.00	0.98	0.11	0.11	0.11	0.11	0.11
NV-030	3	Measure Resource	0.54	0.00	0.05	0.43	0.05	0.00	0.00	0.00	0.00	0.00
NV-030	4	Identify Conflicts/High Interest	0.26	0.00	0.04	0.18	0.04	0.00	0.00	0.00	0.00	0.00
NV-030	5	Map Conflicts	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
NV-030	6	Measure the Conflicts	0.17	0.00	0.03	0.13	0.02	0.00	0.00	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE FUNC. DESCRIPTION		TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER					
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	W/Y CAPABILITY IN W/Y	W/Y CAPABILITY IN W/Y	W/Y CAPABILITY IN W/Y	W/Y CAPABILITY IN W/Y	

NV-030	7 Identify Locations/Alternatives	0.05	0.00	0.01	0.03	0.01	0.00
NV-030	8 Maintain and Update	0.51	0.20	0.23	0.03	0.03	0.03
NV-030	9 Store and Retrieve	6.02	0.00	3.91	0.00	1.20	0.90
NV-030	13 Draft	0.13	0.07	0.01	0.00	0.05	0.00
## Subtotal ##		9.87	1.14	4.50	0.80	2.39	1.04

## SUMMARY FOR OFFICE NV-036							
NV-036	1 Locate Resource	0.10	0.00	0.10	0.00	0.00	0.00
NV-036	2 Map Resource	0.61	0.24	0.06	0.00	0.27	0.03
NV-036	3 Measure Resource	0.49	0.00	0.05	0.39	0.05	0.00
NV-036	4 Identify Conflicts/High Interest	0.34	0.00	0.05	0.24	0.05	0.00
NV-036	5 Map Conflicts	0.16	0.00	0.02	0.00	0.13	0.01
NV-036	6 Measure the Conflicts	0.42	0.00	0.06	0.32	0.04	0.00
NV-036	7 Identify Locations/Alternatives	0.21	0.00	0.02	0.15	0.04	0.00
NV-036	8 Maintain and Update	0.76	0.30	0.34	0.04	0.04	0.04
NV-036	9 Store and Retrieve	2.62	0.00	1.70	0.00	0.52	0.39
NV-036	10 Monitor/Compliance	0.06	0.00	0.01	0.04	0.01	0.00
NV-036	13 Draft	0.03	0.02	0.00	0.00	0.01	0.00
## Subtotal ##		5.80	0.56	2.41	1.18	1.16	0.47

## SUMMARY FOR OFFICE NV-037							
NV-037	1 Locate Resource	0.20	0.00	0.20	0.00	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE CODE	FUNC. NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
			W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
NV-037	2	Map Resource	0.90	0.36	0.09	0.41
NV-037	3	Measure Resource	0.67	0.00	0.07	0.07
NV-037	4	Identify Conflicts/High Interest	0.20	0.00	0.03	0.03
NV-037	6	Measure the Conflicts	0.30	0.00	0.04	0.03
NV-037	7	Identify Locations/Alternatives	0.28	0.00	0.03	0.06
NV-037	8	Maintain and Update	0.42	0.17	0.19	0.02
NV-037	9	Store and Retrieve	2.38	0.00	1.55	0.48
NV-037	10	Monitor/Compliance	0.30	0.01	0.06	0.03
NV-037	13	Draft	0.04	0.02	0.00	0.01
** Subtotal **			5.69	0.56	2.26	1.14
					1.33	0.43
** SUMMARY FOR OFFICE NV-040						
NV-040	1	Locate Resource	0.42	0.00	0.42	0.00
NV-040	2	Map Resource	1.02	0.41	0.10	0.46
NV-040	3	Measure Resource	0.36	0.00	0.04	0.04
NV-040	6	Measure the Conflicts	0.12	0.00	0.02	0.01
NV-040	7	Identify Locations/Alternatives	0.80	0.00	0.08	0.16
NV-040	9	Store and Retrieve	5.81	0.00	3.78	1.16
NV-040	11	Reformat	0.06	0.01	0.02	0.01
NV-040	12	Distribute	0.08	0.00	0.01	0.02
NV-040	13	Draft	0.12	0.07	0.01	0.04

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFEE	
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y

** Subtotal **		8.79	0.49		4.48	0.96		1.90		0.98		
** SUMMARY FOR OFFICE NV-046												
NV-046	1 Locate Resource	0.28	0.00		0.28	0.00		0.00		0.00		0.00
NV-046	2 Map Resource	1.50	0.60		0.15	0.00		0.68		0.08		0.08
NV-046	3 Measure Resource	1.39	0.00		0.14	1.11		0.14		0.00		0.00
NV-046	4 Identify Conflicts/High Interest	0.31	0.00		0.05	0.22		0.05		0.00		0.00
NV-046	6 Measure the Conflicts	0.36	0.00		0.05	0.27		0.04		0.00		0.00
NV-046	7 Identify Locations/Alternatives	0.48	0.00		0.05	0.34		0.10		0.00		0.00
NV-046	8 Maintain and Update	0.42	0.17		0.19	0.02		0.02		0.02		0.02
NV-046	9 Store and Retrieve	1.92	0.00		1.25	0.00		0.38		0.29		0.29
NV-046	10 Monitor/Compliance	0.31	0.02		0.06	0.20		0.03		0.00		0.00
NV-046	13 Draft	0.03	0.02		0.00	0.00		0.01		0.00		0.00
** Subtotal **		7.00	0.81		2.22	2.16		1.45		0.39		
** SUMMARY FOR OFFICE NV-047												
NV-047	1 Locate Resource	0.32	0.00		0.32	0.00		0.00		0.00		0.00
NV-047	2 Map Resource	1.68	0.67		0.17	0.00		0.76		0.08		0.08
NV-047	3 Measure Resource	1.50	0.00		0.15	1.20		0.15		0.00		0.00
NV-047	4 Identify Conflicts/High Interest	0.34	0.00		0.05	0.24		0.05		0.00		0.00
NV-047	6 Measure the Conflicts	0.37	0.00		0.06	0.28		0.04		0.00		0.00
NV-047	7 Identify Locations/Alternatives	0.55	0.00		0.06	0.39		0.11		0.00		0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
	W/Y	PER	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
NV-047 8 Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02	0.02	0.02
NV-047 9 Store and Retrieve	1.30	0.00	0.85	0.00	0.00	0.26	0.20	0.20
NV-047 10 Monitor/Compliance	0.36	0.02	0.07	0.23	0.04	0.00	0.00	0.00
NV-047 13 Draft	0.03	0.02	0.00	0.00	0.01	0.00	0.00	0.00
## Subtotal ##	6.87	0.88	1.92	2.36	1.44	0.30		
## SUMMARY FOR OFFICE NV-050								
NV-050 1 Locate Resource	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00
NV-050 2 Map Resource	0.31	0.12	0.03	0.00	0.14	0.02	0.02	0.02
NV-050 3 Measure Resource	0.35	0.00	0.03	0.28	0.03	0.00	0.00	0.00
NV-050 4 Identify Conflicts/High Interest	0.61	0.00	0.09	0.43	0.09	0.00	0.00	0.00
NV-050 5 Map Conflicts	0.78	0.00	0.12	0.00	0.62	0.04	0.04	0.04
NV-050 6 Measure the Conflicts	0.21	0.00	0.03	0.16	0.02	0.00	0.00	0.00
NV-050 7 Identify Locations/Alternatives	0.42	0.00	0.04	0.29	0.08	0.00	0.00	0.00
NV-050 8 Maintain and Update	0.21	0.08	0.09	0.01	0.01	0.01	0.01	0.01
NV-050 9 Store and Retrieve	0.31	0.00	0.20	0.00	0.06	0.05	0.05	0.05
NV-050 10 Monitor/Compliance	0.23	0.01	0.05	0.15	0.02	0.00	0.00	0.00
NV-050 11 Reformat	0.21	0.02	0.07	0.07	0.03	0.01	0.01	0.01
NV-050 12 Distribute	0.04	0.00	0.00	0.00	0.01	0.03	0.03	0.03
NV-050 13 Draft	0.73	0.40	0.07	0.00	0.26	0.00	0.00	0.00
## Subtotal ##	4.46	0.63	0.87	1.39	1.37	0.16		

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
** SUMMARY FOR OFFICE NV-056												
NV-056	1	Locate Resource	0.23	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NV-056	2	Map Resource	0.24	0.10	0.02	0.00	0.00	0.00	0.11	0.00	0.01	0.01
NV-056	3	Measure Resource	0.36	0.00	0.04	0.00	0.29	0.04	0.04	0.00	0.00	0.00
NV-056	4	Identify Conflicts/High Interest	2.79	0.00	0.42	0.00	1.95	0.42	0.42	0.00	0.00	0.00
NV-056	5	Map Conflicts	0.60	0.00	0.09	0.00	0.00	0.48	0.00	0.00	0.03	0.03
NV-056	6	Measure the Conflicts	0.15	0.00	0.02	0.00	0.11	0.01	0.01	0.00	0.00	0.00
NV-056	7	Identify Locations/Alternatives	0.31	0.00	0.03	0.00	0.22	0.06	0.06	0.00	0.00	0.00
NV-056	8	Maintain and Update	0.07	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NV-056	9	Store and Retrieve	0.37	0.00	0.24	0.00	0.00	0.07	0.07	0.06	0.00	0.06
NV-056	10	Monitor/Compliance	0.10	0.01	0.02	0.00	0.07	0.01	0.01	0.00	0.00	0.00
NV-056	12	Distribute	0.04	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.00	0.03
NV-056	13	Draft	0.06	0.03	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00
** Subtotal **			5.32	0.17	1.15	2.64	1.23	0.00	1.23	0.13	0.00	0.13
** SUMMARY FOR OFFICE NV-057												
NV-057	1	Locate Resource	0.35	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NV-057	2	Map Resource	1.66	0.66	0.17	0.00	0.00	0.75	0.00	0.08	0.00	0.08
NV-057	3	Measure Resource	1.55	0.00	0.16	1.24	0.16	0.16	0.16	0.00	0.00	0.00
NV-057	4	Identify Conflicts/High Interest	0.35	0.00	0.05	0.24	0.05	0.05	0.05	0.00	0.00	0.00
NV-057	5	Map Conflicts	0.15	0.00	0.02	0.00	0.00	0.12	0.00	0.01	0.00	0.01
NV-057	6	Measure the Conflicts	0.34	0.00	0.05	0.26	0.03	0.03	0.03	0.00	0.00	0.00
NV-057	7	Identify Locations/Alternatives	0.53	0.00	0.05	0.37	0.11	0.11	0.11	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY	
			W/Y	PER	IN W/Y	IN W/Y	IN W/Y	IN W/Y
			FUNCT.					
NV-057	8	Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02
NV-057	9	Store and Retrieve	1.09	0.00	0.71	0.00	0.22	0.16
NV-057	10	Monitor/Compliance	0.36	0.02	0.07	0.23	0.04	0.00
NV-057	13	Draft	0.04	0.02	0.00	0.00	0.01	0.00
** Subtotal **			6.84	0.87	1.82	2.36	1.51	0.27
** SUMMARY FOR OFFICE NV-060								
NV-060	1	Locate Resource	0.18	0.00	0.18	0.00	0.00	0.00
NV-060	2	Map Resource	1.31	0.52	0.13	0.00	0.59	0.07
NV-060	3	Measure Resource	0.37	0.00	0.04	0.30	0.04	0.00
NV-060	4	Identify Conflicts/High Interest	0.18	0.00	0.03	0.13	0.03	0.00
NV-060	6	Measure the Conflicts	0.20	0.00	0.03	0.15	0.02	0.00
NV-060	7	Identify Locations/Alternatives	0.29	0.00	0.03	0.20	0.06	0.00
NV-060	8	Maintain and Update	0.34	0.14	0.15	0.02	0.02	0.02
NV-060	9	Store and Retrieve	4.71	0.00	3.06	0.00	0.94	0.71
NV-060	11	Reformat	0.06	0.01	0.02	0.02	0.01	0.00
NV-060	12	Distribute	0.08	0.00	0.01	0.00	0.02	0.06
NV-060	13	Draft	0.18	0.10	0.02	0.00	0.06	0.00
** Subtotal **			7.90	0.77	3.70	0.82	1.79	0.86
** SUMMARY FOR OFFICE NV-066								
NV-066	1	Locate Resource	0.38	0.00	0.38	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
NV-066	2 Map Resource	1.65	0.66	0.17	0.74
NV-066	3 Measure Resource	1.55	0.00	0.16	0.16
NV-066	4 Identify Conflicts/High Interest	0.42	0.00	0.06	0.06
NV-066	6 Measure the Conflicts	0.47	0.00	0.07	0.05
NV-066	7 Identify Locations/Alternatives	0.49	0.00	0.05	0.10
NV-066	8 Maintain and Update	0.76	0.30	0.34	0.04
NV-066	9 Store and Retrieve	0.97	0.00	0.63	0.19
NV-066	10 Monitor/Compliance	0.36	0.02	0.07	0.04
NV-066	13 Draft	0.04	0.02	0.00	0.01
## Subtotal ##		7.09	1.00	1.93	1.39
## SUMMARY FOR OFFICE NV-067					
NV-067	1 Locate Resource	0.34	0.00	0.34	0.00
NV-067	2 Map Resource	1.78	0.71	0.18	0.80
NV-067	3 Measure Resource	1.55	0.00	0.16	0.16
NV-067	4 Identify Conflicts/High Interest	0.26	0.00	0.04	0.04
NV-067	6 Measure the Conflicts	0.32	0.00	0.05	0.03
NV-067	7 Identify Locations/Alternatives	0.49	0.00	0.05	0.10
NV-067	8 Maintain and Update	0.28	0.11	0.13	0.01
NV-067	9 Store and Retrieve	1.86	0.00	1.21	0.37
NV-067	10 Monitor/Compliance	0.47	0.02	0.09	0.05
NV-067	12 Distribute	0.02	0.00	0.00	0.00
NV-067	13 Draft	0.06	0.03	0.01	0.02

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEVADA

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y

##	Subtotal ##	7.43	0.87	2.26	2.32	1.58	0.39
## SUMMARY FOR OFFICE NV-900							
NV-900	1 Locate Resource	1.60	0.00	1.60	0.00	0.00	0.00
NV-900	2 Map Resource	2.59	1.04	0.26	0.00	1.17	0.13
NV-900	3 Measure Resource	2.86	0.00	0.29	2.29	0.29	0.00
NV-900	4 Identify Conflicts/High Interest	1.58	0.00	0.24	1.11	0.24	0.00
NV-900	5 Map Conflicts	0.32	0.00	0.05	0.00	0.26	0.02
NV-900	6 Measure the Conflicts	0.89	0.00	0.13	0.67	0.09	0.00
NV-900	7 Identify Locations/Alternatives	0.27	0.00	0.03	0.19	0.05	0.00
NV-900	8 Maintain and Update	1.06	0.42	0.48	0.05	0.05	0.05
NV-900	9 Store and Retrieve	6.27	0.00	4.08	0.00	1.25	0.94
NV-900	10 Monitor/Compliance	5.76	0.29	1.15	3.74	0.58	0.00
NV-900	11 Reformat	1.10	0.11	0.39	0.39	0.17	0.06
NV-900	12 Distribute	0.50	0.00	0.05	0.00	0.10	0.35
NV-900	13 Draft	0.51	0.28	0.05	0.00	0.18	0.00
##	Subtotal ##	25.31	2.14	8.80	8.44	4.43	1.55
###	Total ###	162.51	17.15	57.15	42.64	34.83	10.92

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEW MEXICO

OFFICE FUNC. DESCRIPTION		TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER					
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	W/Y CAPABILITY	W/Y CAPABILITY	W/Y CAPABILITY	W/Y CAPABILITY	W/Y CAPABILITY
** SUMMARY FOR OFFICE NM-010							
NM-010	1 Locate Resource	2.47	0.00	2.47	0.00	0.00	0.00
NM-010	2 Map Resource	0.80	0.32	0.08	0.00	0.36	0.04
NM-010	3 Measure Resource	0.36	0.00	0.04	0.29	0.04	0.00
NM-010	4 Identify Conflicts/High Interest	0.20	0.00	0.03	0.14	0.03	0.00
NM-010	6 Measure the Conflicts	0.39	0.00	0.06	0.29	0.04	0.00
NM-010	7 Identify Locations/Alternatives	0.50	0.00	0.05	0.35	0.10	0.00
NM-010	8 Maintain and Update	0.74	0.30	0.33	0.04	0.04	0.04
NM-010	9 Store and Retrieve	5.49	0.00	3.57	0.00	1.10	0.82
NM-010	10 Monitor/Compliance	3.55	0.18	0.71	2.31	0.35	0.00
NM-010	11 Reformat	0.51	0.05	0.18	0.18	0.08	0.03
NM-010	12 Distribute	0.76	0.00	0.08	0.00	0.15	0.53
NM-010	13 Draft	0.53	0.29	0.05	0.00	0.19	0.00
** Subtotal **		16.30	1.14	7.65	3.60	2.48	1.46
** SUMMARY FOR OFFICE NM-016							
NM-016	1 Locate Resource	1.29	0.00	1.29	0.00	0.00	0.00
NM-016	2 Map Resource	1.67	0.67	0.17	0.00	0.75	0.08
NM-016	3 Measure Resource	0.84	0.00	0.08	0.67	0.08	0.00
NM-016	4 Identify Conflicts/High Interest	0.63	0.00	0.09	0.44	0.09	0.00
NM-016	5 Map Conflicts	0.33	0.00	0.05	0.00	0.26	0.02
NM-016	6 Measure the Conflicts	0.35	0.00	0.05	0.26	0.03	0.00
NM-016	7 Identify Locations/Alternatives	0.51	0.00	0.05	0.36	0.10	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEW MEXICO

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY	
			IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y		
NM-016	8 Maintain and Update	0.83	0.33		0.37	0.04		0.04	0.04		0.04	
NM-016	9 Store and Retrieve	4.62	0.00		3.13	0.00		0.96	0.72		0.00	
NM-016	10 Monitor/Compliance	4.33	0.22		0.87	2.81		0.43	0.00		0.01	
NM-016	11 Reformat	0.12	0.01		0.04	0.04		0.02	0.00		0.20	
NM-016	12 Distribute	0.29	0.00		0.03	0.00		0.06	0.00		0.00	
NM-016	13 Draft	0.10	0.06		0.01	0.00		0.03	0.00		0.00	
** Subtotal **		16.11	1.29		6.23	4.62		2.85	1.07			
** SUMMARY FOR OFFICE NM-017												
NM-017	1 Locate Resource	0.77	0.00		0.77	0.00		0.00	0.00		0.00	
NM-017	2 Map Resource	1.41	0.56		0.14	0.00		0.63	0.07		0.00	
NM-017	3 Measure Resource	0.73	0.00		0.07	0.58		0.07	0.00		0.00	
NM-017	4 Identify Conflicts/High Interest	0.34	0.00		0.05	0.24		0.05	0.00		0.01	
NM-017	5 Map Conflicts	0.27	0.00		0.04	0.00		0.22	0.00		0.00	
NM-017	6 Measure the Conflicts	0.29	0.00		0.04	0.22		0.03	0.00		0.00	
NM-017	7 Identify Locations/Alternatives	0.37	0.00		0.04	0.26		0.07	0.00		0.00	
NM-017	8 Maintain and Update	0.38	0.15		0.17	0.02		0.02	0.02		0.24	
NM-017	9 Store and Retrieve	1.61	0.00		1.05	0.00		0.32	0.00		0.00	
NM-017	10 Monitor/Compliance	1.01	0.05		0.20	0.66		0.10	0.00		0.03	
NM-017	12 Distribute	0.04	0.00		0.00	0.00		0.01	0.00		0.00	
NM-017	13 Draft	0.11	0.06		0.01	0.00		0.04	0.00		0.00	

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEW MEXICO

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
	W/Y PER	W/Y	W/Y	W/Y	W/Y	W/Y	W/Y	W/Y
	FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
** Subtotal **								
	7.33	0.82	2.58	1.98	1.56	0.37		
** SUMMARY FOR OFFICE NM-018								
NM-018 1 Locate Resource	0.63	0.00	0.63	0.00	0.00	0.00	0.00	0.00
NM-018 2 Map Resource	0.78	0.31	0.08	0.00	0.35	0.04	0.04	0.04
NM-018 3 Measure Resource	0.10	0.00	0.01	0.08	0.01	0.00	0.00	0.00
NM-018 4 Identify Conflicts/High Interest	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.00
NM-018 6 Measure the Conflicts	0.29	0.00	0.04	0.22	0.03	0.00	0.00	0.00
NM-018 7 Identify Locations/Alternatives	0.19	0.00	0.02	0.13	0.04	0.00	0.00	0.00
NM-018 8 Maintain and Update	0.16	0.06	0.07	0.01	0.01	0.01	0.01	0.01
NM-018 9 Store and Retrieve	0.94	0.00	0.61	0.00	0.19	0.14	0.14	0.14
NM-018 10 Monitor/Compliance	0.32	0.02	0.06	0.21	0.03	0.00	0.00	0.00
NM-018 13 Draft	0.10	0.06	0.01	0.00	0.03	0.00	0.00	0.00
** Subtotal **								
	3.54	0.45	1.53	0.67	0.69	0.19		
** SUMMARY FOR OFFICE NM-030								
NM-030 1 Locate Resource	0.66	0.00	0.66	0.00	0.00	0.00	0.00	0.00
NM-030 2 Map Resource	0.21	0.08	0.02	0.00	0.03	0.01	0.01	0.01
NM-030 3 Measure Resource	0.16	0.00	0.02	0.13	0.02	0.00	0.00	0.00
NM-030 4 Identify Conflicts/High Interest	0.14	0.00	0.02	0.10	0.02	0.00	0.00	0.00
NM-030 6 Measure the Conflicts	0.43	0.00	0.06	0.32	0.04	0.00	0.00	0.00
NM-030 7 Identify Locations/Alternatives	0.47	0.00	0.05	0.33	0.03	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEW MEXICO

OFFICE CODE	FUNC. NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
NM-030	8	Maintain and Update	0.45	0.18	0.20	0.02	0.02	0.02	0.02	0.02
NM-030	9	Store and Retrieve	2.40	0.00	1.56	0.00	0.00	0.48	0.36	0.36
NM-030	10	Monitor/Compliance	0.78	0.04	0.16	0.51	0.08	0.00	0.00	0.00
NM-030	11	Reformat	0.33	0.03	0.12	0.12	0.05	0.02	0.02	0.02
NM-030	12	Distribute	0.24	0.00	0.02	0.00	0.05	0.17	0.17	0.17
NM-030	13	Draft	0.29	0.16	0.03	0.00	0.10	0.00	0.00	0.00
** Subtotal **			6.56	0.49	2.92	1.53	1.04	0.58	0.58	0.58
** SUMMARY FOR OFFICE NM-036										
NM-036	1	Locate Resource	0.31	0.00	0.31	0.00	0.00	0.00	0.00	0.00
NM-036	2	Map Resource	0.72	0.29	0.07	0.00	0.32	0.04	0.04	0.04
NM-036	3	Measure Resource	0.22	0.00	0.02	0.18	0.02	0.00	0.00	0.00
NM-036	4	Identify Conflicts/High Interest	0.12	0.00	0.02	0.08	0.02	0.00	0.00	0.00
NM-036	5	Map Conflicts	0.09	0.00	0.01	0.00	0.07	0.00	0.00	0.00
NM-036	6	Measure the Conflicts	0.15	0.00	0.02	0.11	0.01	0.00	0.00	0.00
NM-036	7	Identify Locations/Alternatives	0.35	0.00	0.03	0.24	0.07	0.00	0.00	0.00
NM-036	8	Maintain and Update	0.31	0.12	0.14	0.02	0.02	0.02	0.02	0.02
NM-036	9	Store and Retrieve	0.49	0.00	0.32	0.00	0.10	0.07	0.07	0.07
NM-036	10	Monitor/Compliance	0.18	0.01	0.04	0.12	0.02	0.00	0.00	0.00
NM-036	12	Distribute	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01
NM-036	13	Draft	0.10	0.06	0.01	0.00	0.03	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEW MEXICO

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNC.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
** Subtotal **							
3.05		0.48	0.99	0.75	0.68	0.14	
** SUMMARY FOR OFFICE NM-037							
NM-037	1 Locate Resource	0.44	0.00	0.44	0.00	0.00	0.00
NM-037	2 Map Resource	0.30	0.12	0.03	0.00	0.14	0.01
NM-037	3 Measure Resource	0.17	0.00	0.02	0.14	0.02	0.00
NM-037	4 Identify Conflicts/High Interest	0.03	0.00	0.00	0.02	0.00	0.00
NM-037	5 Map Conflicts	0.08	0.00	0.01	0.00	0.06	0.00
NM-037	6 Measure the Conflicts	0.19	0.00	0.03	0.14	0.02	0.00
NM-037	7 Identify Locations/Alternatives	0.31	0.00	0.03	0.22	0.06	0.00
NM-037	8 Maintain and Update	0.41	0.16	0.18	0.02	0.02	0.02
NM-037	9 Store and Retrieve	1.40	0.00	0.91	0.00	0.28	0.21
NM-037	10 Monitor/Compliance	0.02	0.00	0.00	0.01	0.00	0.00
NM-037	13 Draft	0.13	0.07	0.01	0.00	0.05	0.00
** Subtotal **							
3.48		0.35	1.66	0.55	0.65	0.24	
** SUMMARY FOR OFFICE NM-038							
NM-038	1 Locate Resource	0.98	0.00	0.98	0.00	0.00	0.00
NM-038	2 Map Resource	1.05	0.42	0.11	0.00	0.47	0.05
NM-038	3 Measure Resource	0.24	0.00	0.02	0.19	0.02	0.00
NM-038	4 Identify Conflicts/High Interest	0.16	0.00	0.02	0.11	0.02	0.00
NM-038	5 Map Conflicts	0.19	0.00	0.03	0.00	0.15	0.01

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEW MEXICO

OFFICE CODE	FNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY	
			W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
NM-038	6	Measure the Conflicts	0.16	0.00	0.02	0.12	0.02	0.00
NM-038	7	Identify Locations/Alternatives	0.26	0.00	0.03	0.16	0.05	0.00
NM-038	8	Maintain and Update	0.30	0.12	0.14	0.01	0.01	0.01
NM-038	9	Store and Retrieve	1.69	0.00	1.10	0.00	0.34	0.25
NM-038	10	Monitor/Compliance	0.69	0.03	0.14	0.45	0.07	0.00
NM-038	11	Reformat	0.06	0.01	0.02	0.02	0.01	0.00
NM-038	12	Distribute	0.09	0.00	0.01	0.00	0.02	0.06
NM-038	13	Draft	0.05	0.03	0.01	0.00	0.02	0.00
** Subtotal **			5.92	0.61	2.63	1.06	1.20	0.36
** SUMMARY FOR OFFICE NM-040								
NM-040	1	Locate Resource	0.19	0.00	0.19	0.00	0.00	0.00
NM-040	2	Map Resource	0.63	0.25	0.06	0.00	0.28	0.03
NM-040	3	Measure Resource	0.21	0.00	0.02	0.17	0.02	0.00
NM-040	4	Identify Conflicts/High Interest	0.64	0.00	0.10	0.45	0.10	0.00
NM-040	5	Map Conflicts	0.45	0.00	0.07	0.00	0.36	0.02
NM-040	6	Measure the Conflicts	0.16	0.00	0.02	0.12	0.02	0.00
NM-040	7	Identify Locations/Alternatives	0.83	0.00	0.08	0.58	0.17	0.00
NM-040	8	Maintain and Update	0.01	0.00	0.00	0.00	0.00	0.00
NM-040	9	Store and Retrieve	1.22	0.00	0.79	0.00	0.24	0.16
NM-040	10	Monitor/Compliance	0.01	0.00	0.00	0.01	0.00	0.00
NM-040	11	Reformat	0.47	0.05	0.16	0.16	0.07	0.02
NM-040	12	Distribute	0.01	0.00	0.00	0.00	0.00	0.01

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEW MEXICO

OFFICE FUNC. DESCRIPTION		TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER						
CODE NO.	OF	W/Y PER CAPABILITY CAPABILITY CAPABILITY CAPABILITY CAPABILITY						
FUNCTION		FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y

** Subtotal **								
		4.63	0.30	1.49	1.49	1.26	0.26	
** SUMMARY FOR OFFICE NM-047								
NM-047	1 Locate Resource	0.56	0.00	0.56	0.00	0.00	0.00	0.00
NM-047	2 Map Resource	0.10	0.04	0.01	0.00	0.05	0.01	0.01
NM-047	4 Identify Conflicts/High Interest	0.08	0.00	0.01	0.06	0.01	0.00	0.00
NM-047	5 Map Conflicts	0.25	0.00	0.04	0.00	0.20	0.01	0.01
NM-047	7 Identify Locations/Alternatives	0.26	0.00	0.03	0.18	0.05	0.00	0.00
NM-047	9 Store and Retrieve	0.50	0.00	0.33	0.00	0.10	0.07	0.07
NM-047	10 Monitor/Compliance	0.01	0.00	0.00	0.01	0.00	0.00	0.00
** Subtotal **		1.76	0.04	0.98	0.25	0.41	0.09	
** SUMMARY FOR OFFICE NM-060								
NM-060	1 Locate Resource	0.32	0.00	0.32	0.00	0.00	0.00	0.00
NM-060	2 Map Resource	0.27	0.11	0.03	0.00	0.12	0.01	0.01
NM-060	3 Measure Resource	0.21	0.00	0.02	0.17	0.02	0.00	0.00
NM-060	4 Identify Conflicts/High Interest	0.33	0.00	0.05	0.23	0.05	0.00	0.00
NM-060	5 Map Conflicts	0.09	0.00	0.01	0.00	0.07	0.00	0.00
NM-060	6 Measure the Conflicts	0.50	0.00	0.07	0.38	0.05	0.00	0.00
NM-060	7 Identify Locations/Alternatives	0.34	0.00	0.03	0.24	0.07	0.00	0.00
NM-060	8 Maintain and Update	0.25	0.10	0.11	0.01	0.01	0.01	0.01
NM-060	9 Store and Retrieve	2.07	0.00	1.35	0.00	0.41	0.31	0.31

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEW MEXICO

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER				CAPABILITY			
	W/Y	PER	CAPABILITY	W/Y	W/Y	W/Y	W/Y	W/Y
	FUNC.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
NM-060 10 Monitor/Compliance	1.44	0.07	0.29	0.94	0.14	0.00		
NM-060 11 Reformat	0.30	0.03	0.10	0.10	0.04	0.01		
NM-060 12 Distribute	0.33	0.00	0.03	0.00	0.07	0.23		
NM-060 13 Draft	0.34	0.19	0.03	0.00	0.12	0.00		
** Subtotal **	6.79	0.50	2.44	2.07	1.17	0.57		
** SUMMARY FOR OFFICE NM-066								
NM-066 1 Locate Resource	0.62	0.00	0.62	0.00	0.00	0.00		
NM-066 2 Map Resource	0.62	0.25	0.06	0.00	0.28	0.03		
NM-066 3 Measure Resource	0.20	0.00	0.02	0.16	0.02	0.00		
NM-066 4 Identify Conflicts/High Interest	0.07	0.00	0.01	0.05	0.01	0.00		
NM-066 6 Measure the Conflicts	0.09	0.00	0.01	0.07	0.01	0.00		
NM-066 7 Identify Locations/Alternatives	0.23	0.00	0.02	0.16	0.05	0.00		
NM-066 8 Maintain and Update	0.40	0.16	0.18	0.02	0.02	0.02		
NM-066 9 Store and Retrieve	2.37	0.00	1.54	0.00	0.47	0.36		
NM-066 10 Monitor/Compliance	0.72	0.04	0.14	0.47	0.07	0.00		
NM-066 12 Distribute	0.02	0.00	0.00	0.00	0.00	0.01		
NM-066 13 Draft	0.03	0.02	0.00	0.00	0.01	0.00		
** Subtotal **	5.37	0.47	2.60	0.93	0.94	0.42		
** SUMMARY FOR OFFICE NM-067								
NM-067 1 Locate Resource	0.55	0.00	0.55	0.00	0.00	0.00		

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEW MEXICO

OFFICE CODE	FUNC. NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
NM-067	2	Map Resource	0.96	0.38	0.10	0.00	0.43	0.05		
NM-067	3	Measure Resource	0.37	0.00	0.04	0.30	0.04	0.00		
NM-067	4	Identify Conflicts/High Interest	0.16	0.00	0.02	0.11	0.02	0.00		
NM-067	5	Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.01		
NM-067	6	Measure the Conflicts	0.52	0.00	0.08	0.39	0.05	0.00		
NM-067	7	Identify Locations/Alternatives	0.45	0.00	0.05	0.32	0.09	0.00		
NM-067	8	Maintain and Update	0.59	0.24	0.27	0.03	0.03	0.03		
NM-067	9	Store and Retrieve	3.47	0.00	2.26	0.00	0.69	0.52		
NM-067	10	Monitor/Compliance	2.12	0.11	0.42	1.38	0.21	0.00		
NM-067	12	Distribute	0.06	0.00	0.01	0.00	0.01	0.04		
NM-067	13	Draft	0.29	0.16	0.03	0.00	0.10	0.00		
** Subtotal **			9.69	0.69	3.85	2.53	1.79	0.65		
** SUMMARY FOR OFFICE NM-900										
NM-900	1	Locate Resource	2.11	0.00	2.11	0.00	0.00	0.00		
NM-900	2	Map Resource	5.67	2.27	0.57	0.00	2.55	0.28		
NM-900	3	Measure Resource	0.58	0.00	0.06	0.46	0.06	0.00		
NM-900	4	Identify Conflicts/High Interest	4.04	0.00	0.61	2.83	0.61	0.00		
NM-900	5	Map Conflicts	0.14	0.00	0.02	0.00	0.11	0.01		
NM-900	6	Measure the Conflicts	2.44	0.00	0.37	1.83	0.24	0.00		
NM-900	7	Identify Locations/Alternatives	0.31	0.00	0.03	0.22	0.06	0.00		
NM-900	8	Maintain and Update	1.64	0.66	0.74	0.08	0.08	0.08		
NM-900	9	Store and Retrieve	10.99	0.00	7.14	0.00	2.20	1.65		

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: NEW MEXICO

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER	FUNCTION	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
NM-900	10 Monitor/Compliance	12.26	0.61	2.45	7.97	1.23	0.00		
NM-900	11 Reformat	0.47	0.05	0.16	0.16	0.07	0.02		
NM-900	12 Distribute	1.75	0.00	0.18	0.00	0.35	1.22		
NM-900	13 Draft	0.61	0.45	0.08	0.00	0.28	0.00		
** Subtotal **		43.21	4.04	14.52	13.55	7.64	3.26		
*** Total ***		133.94	11.67	52.07	35.60	24.56	9.68		

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER FUNC.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
** SUMMARY FOR OFFICE OR-010												
OR-010	1 Locate Resource	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OR-010	2 Map Resource	0.76	0.30	0.08	0.00	0.00	0.00	0.00	0.34	0.04	0.00	0.00
OR-010	3 Measure Resource	0.64	0.00	0.06	0.00	0.51	0.06	0.06	0.06	0.00	0.00	0.00
OR-010	4 Identify Conflicts/High Interest	0.18	0.00	0.03	0.00	0.13	0.03	0.03	0.03	0.00	0.00	0.00
OR-010	5 Map Conflicts	0.06	0.00	0.01	0.00	0.00	0.05	0.00	0.05	0.00	0.00	0.00
OR-010	6 Measure the Conflicts	0.20	0.00	0.03	0.00	0.15	0.02	0.02	0.02	0.00	0.00	0.00
OR-010	7 Identify Locations/Alternatives	0.05	0.00	0.01	0.00	0.03	0.01	0.01	0.01	0.00	0.00	0.00
OR-010	8 Maintain and Update	0.35	0.14	0.16	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
OR-010	9 Store and Retrieve	3.85	0.00	2.50	0.00	0.00	0.77	0.06	0.02	0.02	0.02	0.06
OR-010	11 Reformat	0.16	0.02	0.06	0.06	0.06	0.02	0.02	0.02	0.02	0.01	0.01
OR-010	12 Distribute	0.08	0.00	0.01	0.00	0.00	0.02	0.02	0.02	0.02	0.06	0.06
OR-010	13 Draft	0.05	0.03	0.01	0.00	0.00	0.02	0.02	0.02	0.00	0.00	0.00
** Subtotal **		6.40	0.49	2.98	0.90	1.36	0.71					
** SUMMARY FOR OFFICE OR-016												
OR-016	1 Locate Resource	0.19	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OR-016	2 Map Resource	0.22	0.09	0.02	0.00	0.10	0.01	0.01	0.10	0.01	0.01	0.01
OR-016	3 Measure Resource	0.26	0.00	0.03	0.21	0.03	0.00	0.03	0.03	0.00	0.00	0.00
OR-016	4 Identify Conflicts/High Interest	0.05	0.00	0.01	0.03	0.01	0.01	0.01	0.01	0.00	0.00	0.00
OR-016	6 Measure the Conflicts	0.11	0.00	0.02	0.08	0.01	0.01	0.01	0.01	0.00	0.00	0.00
OR-016	7 Identify Locations/Alternatives	0.08	0.00	0.01	0.06	0.02	0.02	0.02	0.02	0.00	0.00	0.00
OR-016	9 Store and Retrieve	0.82	0.00	0.53	0.00	0.16	0.02	0.02	0.16	0.02	0.02	0.12

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AUTUMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE NO. OF	DESCRIPTION FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER	W/Y	W/Y	W/Y	W/Y	W/Y	W/Y	W/Y
		FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
OR-016	10 Monitor/Compliance	0.05	0.00	0.01	0.03	0.01	0.01	0.00	0.00
OR-016	13 Draft	0.02	0.01	0.00	0.00	0.01	0.01	0.00	0.00
** Subtotal **		1.80	0.10	0.82	0.41	0.35	0.35	0.13	0.13
** SUMMARY FOR OFFICE OR-017									
OR-017	1 Locate Resource	0.13	0.00	0.13	0.00	0.00	0.00	0.00	0.00
OR-017	2 Map Resource	0.76	0.30	0.08	0.00	0.34	0.34	0.04	0.04
OR-017	3 Measure Resource	0.67	0.00	0.07	0.54	0.07	0.07	0.00	0.00
OR-017	4 Identify Conflicts/High Interest	0.08	0.00	0.01	0.06	0.01	0.01	0.00	0.00
OR-017	6 Measure the Conflicts	0.10	0.00	0.01	0.08	0.01	0.01	0.00	0.00
OR-017	7 Identify Locations/Alternatives	0.21	0.00	0.02	0.15	0.04	0.04	0.00	0.00
OR-017	8 Maintain and Update	0.08	0.03	0.04	0.00	0.00	0.00	0.00	0.00
OR-017	9 Store and Retrieve	0.75	0.00	0.49	0.00	0.15	0.15	0.11	0.11
OR-017	10 Monitor/Compliance	0.16	0.01	0.03	0.10	0.02	0.02	0.00	0.00
OR-017	13 Draft	0.03	0.02	0.00	0.00	0.01	0.01	0.00	0.00
** Subtotal **		2.97	0.36	0.88	0.93	0.65	0.65	0.15	0.15
** SUMMARY FOR OFFICE OR-018									
OR-018	1 Locate Resource	0.08	0.00	0.08	0.00	0.00	0.00	0.00	0.00
OR-018	2 Map Resource	0.33	0.13	0.03	0.00	0.15	0.15	0.02	0.02
OR-018	3 Measure Resource	0.31	0.00	0.03	0.25	0.03	0.03	0.00	0.00
OR-018	4 Identify Conflicts/High Interest	0.05	0.00	0.01	0.03	0.01	0.01	0.00	0.00

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AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER	W/Y PER CAPABILITY	W/Y	W/Y	W/Y	W/Y	W/Y	W/Y
		FUNC.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
OR-018	6 Measure the Conflicts	0.14	0.00	0.02	0.11	0.01	0.00		
OR-018	7 Identify Locations/Alternatives	0.09	0.00	0.01	0.06	0.02	0.00		
OR-018	8 Maintain and Update	0.08	0.03	0.04	0.00	0.00	0.00		
OR-018	9 Store and Retrieve	1.31	0.00	0.85	0.00	0.26	0.20		
OR-018	10 Monitor/Compliance	0.06	0.00	0.01	0.04	0.01	0.00		
OR-018	13 Draft	0.03	0.02	0.00	0.00	0.01	0.00		
** Subtotal **		2.48	0.18	1.08	0.49	0.50	0.22		
** SUMMARY FOR OFFICE OR-020									
OR-020	1 Locate Resource	0.02	0.00	0.02	0.00	0.00	0.00		
OR-020	2 Map Resource	0.32	0.37	0.09	0.00	0.41	0.05		
OR-020	3 Measure Resource	0.50	0.00	0.05	0.40	0.05	0.00		
OR-020	4 Identify Conflicts/High Interest	0.19	0.00	0.03	0.13	0.03	0.00		
OR-020	5 Map Conflicts	0.16	0.00	0.02	0.00	0.13	0.01		
OR-020	6 Measure the Conflicts	0.25	0.00	0.04	0.19	0.03	0.00		
OR-020	7 Identify Locations/Alternatives	0.08	0.00	0.01	0.06	0.02	0.00		
OR-020	8 Maintain and Update	0.36	0.14	0.16	0.02	0.02	0.02		
OR-020	9 Store and Retrieve	5.08	0.00	3.30	0.00	1.02	0.76		
OR-020	10 Monitor/Compliance	0.03	0.00	0.01	0.02	0.00	0.00		
OR-020	11 Reformat	0.06	0.01	0.02	0.02	0.01	0.00		
OR-020	12 Distribute	0.08	0.00	0.01	0.00	0.02	0.06		
OR-020	13 Draft	0.07	0.04	0.01	0.00	0.02	0.00		

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. DESCRIPTION		TOTAL		DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER FUNC.	W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
** Subtotal **		7.80	0.56		3.77	0.84		1.76		0.90			
** SUMMARY FOR OFFICE UR-025													
UR-025	1 Locate Resource	0.55	0.00		0.55	0.00		0.00		0.00		0.00	0.00
UR-025	2 Map Resource	2.19	0.88		0.22	0.00		0.93		0.11		0.11	0.11
UR-025	3 Measure Resource	2.07	0.00		0.21	1.66		0.21		0.00		0.00	0.00
UR-025	4 Identify Conflicts/High Interest	0.35	0.00		0.05	0.24		0.05		0.00		0.00	0.00
UR-025	5 Map Conflicts	0.42	0.00		0.06	0.00		0.34		0.02		0.02	0.02
UR-025	6 Measure the Conflicts	0.38	0.00		0.06	0.29		0.04		0.00		0.00	0.00
UR-025	7 Identify Locations/Alternatives	0.61	0.00		0.06	0.43		0.12		0.00		0.00	0.00
UR-025	8 Maintain and Update	0.08	0.03		0.04	0.00		0.00		0.00		0.00	0.00
UR-025	9 Store and Retrieve	1.23	0.00		0.80	0.00		0.25		0.18		0.18	0.18
UR-025	10 Monitor/Compliance	0.46	0.02		0.09	0.30		0.05		0.00		0.00	0.00
UR-025	13 Draft	0.07	0.04		0.01	0.00		0.02		0.00		0.00	0.00
** Subtotal **		8.41	0.97		2.15	2.92		2.07		0.31			
** SUMMARY FOR OFFICE UR-028													
UR-028	1 Locate Resource	0.16	0.00		0.16	0.00		0.00		0.00		0.00	0.00
UR-028	2 Map Resource	0.87	0.35		0.09	0.00		0.39		0.04		0.04	0.04
UR-028	3 Measure Resource	0.93	0.00		0.09	0.74		0.09		0.00		0.00	0.00
UR-028	4 Identify Conflicts/High Interest	0.13	0.00		0.02	0.09		0.02		0.00		0.00	0.00
UR-028	6 Measure the Conflicts	0.14	0.00		0.02	0.11		0.01		0.00		0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE	DESCRIPTION NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER W/Y PER CAPABILITY CAPABILITY CAPABILITY CAPABILITY CAPABILITY	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
OR-028	7 Identify Locations/Alternatives	0.32	0.00	0.03	0.22	0.06	0.00
OR-028	9 Store and Retrieve	1.27	0.00	0.83	0.00	0.25	0.19
OR-028	10 Monitor/Compliance	0.20	0.01	0.04	0.13	0.02	0.00
** Subtotal **		4.02	0.36	1.26	1.29	0.84	0.23
** SUMMARY FOR OFFICE OR-030							
OR-030	1 Locate Resource	0.07	0.00	0.07	0.00	0.00	0.00
OR-030	2 Map Resource	1.59	0.64	0.16	0.00	0.72	0.08
OR-030	3 Measure Resource	0.49	0.00	0.05	0.39	0.05	0.00
OR-030	4 Identify Conflicts/High Interest	0.19	0.00	0.03	0.13	0.03	0.00
OR-030	5 Map Conflicts	0.14	0.00	0.02	0.00	0.11	0.01
OR-030	6 Measure the Conflicts	0.23	0.00	0.03	0.17	0.02	0.00
OR-030	7 Identify Locations/Alternatives	0.38	0.00	0.04	0.27	0.08	0.00
OR-030	8 Maintain and Update	0.35	0.14	0.16	0.02	0.02	0.02
OR-030	9 Store and Retrieve	7.26	0.00	4.72	0.00	1.45	1.09
OR-030	10 Monitor/Compliance	0.02	0.00	0.00	0.01	0.00	0.00
OR-030	11 Reformat	0.06	0.01	0.02	0.02	0.01	0.00
OR-030	12 Distribute	0.08	0.00	0.01	0.00	0.02	0.06
OR-030	13 Draft	0.23	0.13	0.02	0.00	0.06	0.00
** Subtotal **		11.09	0.92	5.33	1.01	2.59	1.26

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER						
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	W/Y	W/Y	W/Y	W/Y	W/Y	W/Y	W/Y
** Subtotal **									
		3.46	0.19	1.17	1.19	0.69	0.21		
** SUMMARY FOR OFFICE OR-037									
OR-037	1 Locate Resource	0.31	0.00	0.31	0.00	0.00	0.00	0.00	0.00
OR-037	2 Map Resource	1.20	0.48	0.12	0.00	0.54	0.06	0.06	0.06
OR-037	3 Measure Resource	1.30	0.00	0.13	1.04	0.13	0.00	0.13	0.00
OR-037	4 Identify Conflicts/High Interest	0.14	0.00	0.02	0.10	0.02	0.02	0.02	0.00
OR-037	6 Measure the Conflicts	0.16	0.00	0.02	0.12	0.02	0.02	0.02	0.00
OR-037	7 Identify Locations/Alternatives	0.37	0.00	0.04	0.26	0.07	0.07	0.00	0.00
OR-037	8 Maintain and Update	0.08	0.03	0.04	0.00	0.00	0.00	0.00	0.00
OR-037	9 Store and Retrieve	1.36	0.00	0.88	0.00	0.27	0.20	0.20	0.20
OR-037	10 Monitor/Compliance	0.40	0.02	0.08	0.26	0.04	0.04	0.00	0.00
OR-037	13 Draft	0.03	0.02	0.00	0.00	0.01	0.00	0.00	0.00
** Subtotal **									
		5.35	0.55	1.64	1.78	1.10	0.26	0.26	0.26
** SUMMARY FOR OFFICE OR-050									
OR-050	1 Locate Resource	0.08	0.00	0.08	0.00	0.00	0.00	0.00	0.00
OR-050	2 Map Resource	0.47	0.19	0.05	0.00	0.21	0.02	0.02	0.02
OR-050	3 Measure Resource	0.72	0.00	0.07	0.58	0.07	0.00	0.00	0.00
OR-050	4 Identify Conflicts/High Interest	0.18	0.00	0.03	0.13	0.03	0.03	0.00	0.00
OR-050	6 Measure the Conflicts	0.26	0.00	0.04	0.20	0.03	0.00	0.00	0.00
OR-050	7 Identify Locations/Alternatives	0.14	0.00	0.01	0.10	0.03	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
OR-050	8 Maintain and Update	0.35	0.14	0.16	0.02	0.02	0.02	0.02	0.02
OR-050	9 Store and Retrieve	7.15	0.00	4.65	0.00	0.00	1.43	1.07	1.07
OR-050	11 Reformat	0.22	0.02	0.08	0.08	0.08	0.03	0.01	0.01
OR-050	12 Distribute	0.16	0.00	0.02	0.00	0.00	0.03	0.11	0.11
** Subtotal **		9.73	0.35	5.19	1.11	1.11	1.88	1.23	1.23
** SUMMARY FOR OFFICE OR-056									
OR-056	1 Locate Resource	0.18	0.00	0.18	0.00	0.00	0.00	0.00	0.00
OR-056	2 Map Resource	0.54	0.22	0.05	0.00	0.00	0.24	0.03	0.03
OR-056	3 Measure Resource	0.51	0.00	0.05	0.41	0.05	0.05	0.00	0.00
OR-056	4 Identify Conflicts/High Interest	0.08	0.00	0.01	0.06	0.01	0.01	0.00	0.00
OR-056	6 Measure the Conflicts	0.16	0.00	0.02	0.12	0.02	0.02	0.00	0.00
OR-056	7 Identify Locations/Alternatives	0.17	0.00	0.02	0.12	0.02	0.03	0.00	0.00
OR-056	8 Maintain and Update	0.08	0.03	0.04	0.00	0.00	0.00	0.00	0.00
OR-056	9 Store and Retrieve	1.44	0.00	0.94	0.00	0.00	0.29	0.22	0.22
OR-056	10 Monitor/Compliance	0.11	0.01	0.02	0.07	0.01	0.01	0.00	0.00
OR-056	13 Draft	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.00
** Subtotal **		3.31	0.28	1.33	0.78	0.78	0.66	0.25	0.25
** SUMMARY FOR OFFICE OR-057									
OR-057	1 Locate Resource	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00
OR-057	2 Map Resource	0.54	0.22	0.05	0.00	0.00	0.24	0.03	0.03

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
OR-057	3 Measure Resource	0.57	0.00	0.06	0.46	0.06	0.00
OR-057	4 Identify Conflicts/High Interest	0.12	0.00	0.02	0.08	0.02	0.00
OR-057	6 Measure the Conflicts	0.21	0.00	0.03	0.16	0.02	0.00
OR-057	7 Identify Locations/Alternatives	0.25	0.00	0.03	0.17	0.05	0.00
OR-057	9 Store and Retrieve	1.01	0.00	0.66	0.00	0.20	0.15
OR-057	10 Monitor/Compliance	0.12	0.01	0.02	0.08	0.01	0.00
OR-057	13 Draft	0.02	0.01	0.00	0.00	0.01	0.00
** Subtotal **		3.11	0.24	1.14	0.95	0.61	0.18
** SUMMARY FOR OFFICE OR-080							
OR-080	1 Locate Resource	0.23	0.00	0.23	0.00	0.00	0.00
OR-080	2 Map Resource	0.61	0.24	0.06	0.00	0.27	0.03
OR-080	3 Measure Resource	0.15	0.00	0.01	0.12	0.01	0.00
OR-080	4 Identify Conflicts/High Interest	1.31	0.00	0.20	0.92	0.20	0.00
OR-080	5 Map Conflicts	0.68	0.00	0.10	0.00	0.54	0.03
OR-080	6 Measure the Conflicts	0.46	0.00	0.07	0.35	0.05	0.00
OR-080	7 Identify Locations/Alternatives	2.11	0.00	0.21	1.48	0.42	0.00
OR-080	8 Maintain and Update	1.32	0.53	0.59	0.07	0.07	0.07
OR-080	9 Store and Retrieve	1.24	0.00	0.81	0.00	0.25	0.19
OR-080	10 Monitor/Compliance	0.13	0.01	0.03	0.08	0.01	0.00
OR-080	11 Reformat	0.56	0.06	0.20	0.20	0.08	0.03
OR-080	12 Distribute	0.08	0.00	0.01	0.00	0.02	0.05
OR-080	13 Draft	0.19	0.10	0.02	0.00	0.07	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION		DATA ANALYSIS DATA OUTPUT DATA TRANSFER	
		W/Y PER CAPABILITY	W/Y	CAPABILITY	CAPABILITY
		IN W/Y	IN W/Y	IN W/Y	IN W/Y
--					
** Subtotal **					
		9.07	0.94	2.54	3.22
				1.99	0.41
** SUMMARY FOR OFFICE OR-085					
OR-085	1 Locate Resource	0.14	0.00	0.14	0.00
OR-085	2 Map Resource	0.13	0.05	0.01	0.06
OR-085	3 Measure Resource	1.47	0.00	0.15	0.15
OR-085	4 Identify Conflicts/High Interest	0.14	0.00	0.02	0.02
OR-085	6 Measure the Conflicts	0.04	0.00	0.01	0.00
OR-085	7 Identify Locations/Alternatives	0.54	0.00	0.05	0.11
OR-085	9 Store and Retrieve	1.60	0.00	1.04	0.32
OR-085	13 Draft	0.89	0.49	0.09	0.31
** Subtotal **					
		4.95	0.54	1.51	0.97
				1.69	0.25
** SUMMARY FOR OFFICE OR-086					
OR-086	1 Locate Resource	0.14	0.00	0.14	0.00
OR-086	2 Map Resource	0.15	0.06	0.01	0.07
OR-086	3 Measure Resource	2.00	0.00	0.20	0.20
OR-086	4 Identify Conflicts/High Interest	0.01	0.00	0.00	0.00
OR-086	6 Measure the Conflicts	0.04	0.00	0.01	0.00
OR-086	7 Identify Locations/Alternatives	0.70	0.00	0.07	0.14
OR-086	9 Store and Retrieve	1.76	0.00	1.14	0.35
OR-086	12 Distribute	0.01	0.00	0.00	0.00
				0.00	0.01

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE	DESC. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
UR-086	13 Draft	1.25	0.69	0.12	0.00	0.44	0.00	0.00	0.00
** Subtotal **		6.06	0.75	1.69	2.13	1.20	0.26		
** SUMMARY FOR OFFICE UR-087									
UR-087	1 Locate Resource	0.18	0.00	0.18	0.00	0.00	0.00	0.00	0.00
UR-087	2 Map Resource	0.27	0.11	0.03	0.00	0.12	0.01	0.01	0.01
UR-087	3 Measure Resource	1.47	0.00	0.15	1.18	0.15	0.00	0.00	0.00
UR-087	4 Identify Conflicts/High Interest	0.19	0.00	0.03	0.13	0.03	0.00	0.00	0.00
UR-087	6 Measure the Conflicts	0.04	0.00	0.01	0.03	0.00	0.00	0.00	0.00
UR-087	7 Identify Locations/Alternatives	0.58	0.00	0.06	0.41	0.12	0.00	0.00	0.00
UR-087	9 Store and Retrieve	1.62	0.00	1.05	0.00	0.32	0.24	0.00	0.00
UR-087	11 Reformat	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UR-087	13 Draft	0.89	0.49	0.09	0.00	0.31	0.00	0.00	0.00
** Subtotal **		5.25	0.60	1.60	1.75	1.05	0.25		
** SUMMARY FOR OFFICE UR-088									
UR-088	1 Locate Resource	0.21	0.00	0.21	0.00	0.00	0.00	0.00	0.00
UR-088	2 Map Resource	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00
UR-088	3 Measure Resource	1.66	0.00	0.17	1.33	0.17	0.00	0.00	0.00
UR-088	4 Identify Conflicts/High Interest	0.44	0.00	0.07	0.31	0.07	0.00	0.00	0.00
UR-088	6 Measure the Conflicts	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00
UR-088	7 Identify Locations/Alternatives	0.50	0.00	0.05	0.35	0.10	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
OR-088	9 Store and Retrieve	0.88	0.00	0.57	0.18
OR-088	13 Draft	0.22	0.12	0.02	0.06
** Subtotal **		3.95	0.13	1.09	0.61
** SUMMARY FOR OFFICE OR-089					
OR-089	1 Locate Resource	0.25	0.00	0.25	0.00
OR-089	2 Map Resource	0.01	0.00	0.00	0.00
OR-089	3 Measure Resource	2.17	0.00	0.22	0.22
OR-089	4 Identify Conflicts/High Interest	0.43	0.00	0.06	0.06
OR-089	6 Measure the Conflicts	0.02	0.00	0.00	0.00
OR-089	7 Identify Locations/Alternatives	0.59	0.00	0.06	0.12
OR-089	9 Store and Retrieve	0.86	0.00	0.56	0.17
OR-089	13 Draft	0.43	0.24	0.04	0.15
** Subtotal **		4.76	0.24	1.19	0.72
** SUMMARY FOR OFFICE OR-090					
OR-090	1 Locate Resource	0.45	0.00	0.45	0.00
OR-090	2 Map Resource	1.93	0.77	0.19	0.87
OR-090	3 Measure Resource	0.10	0.00	0.01	0.01
OR-090	4 Identify Conflicts/High Interest	0.81	0.00	0.12	0.12
OR-090	5 Map Conflicts	0.53	0.00	0.08	0.42
OR-090	6 Measure the Conflicts	0.21	0.00	0.03	0.02

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION		DATA ANALYSIS DATA OUTPUT DATA TRANSFER	
		W/Y PER FUNC'T.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
OR-090	7 Identify Locations/Alternatives	2.37	0.00	0.24	1.66
OR-090	8 Maintain and Update	0.94	0.38	0.42	0.05
OR-090	9 Store and Retrieve	3.12	0.00	2.03	0.62
OR-090	10 Monitor/Compliance	0.38	0.02	0.08	0.25
OR-090	11 Reformat	0.34	0.03	0.12	0.12
OR-090	12 Distribute	0.08	0.00	0.01	0.00
OR-090	13 Draft	0.13	0.07	0.01	0.00
** Subtotal **		11.39	1.27	3.79	2.89
					2.74
					0.73
** SUMMARY FOR OFFICE OR-096					
OR-096	1 Locate Resource	0.44	0.00	0.44	0.00
OR-096	2 Map Resource	0.07	0.03	0.01	0.00
OR-096	3 Measure Resource	3.31	0.00	0.33	2.65
OR-096	4 Identify Conflicts/High Interest	0.81	0.00	0.12	0.57
OR-096	5 Map Conflicts	0.03	0.00	0.00	0.00
OR-096	6 Measure the Conflicts	0.02	0.00	0.00	0.02
OR-096	7 Identify Locations/Alternatives	1.00	0.00	0.10	0.70
OR-096	9 Store and Retrieve	0.63	0.00	0.41	0.00
OR-096	13 Draft	0.22	0.12	0.02	0.00
** Subtotal **		6.53	0.15	1.43	3.94
					0.91
					0.09
					0.00
					0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
** SUMMARY FOR OFFICE OR-097							
OR-097	1 Locate Resource	0.25	0.00	0.25	0.00	0.00	0.00
OR-097	2 Map Resource	0.01	0.00	0.00	0.00	0.00	0.00
OR-097	3 Measure Resource	2.12	0.00	0.21	1.70	0.21	0.00
OR-097	4 Identify Conflicts/High Interest	0.45	0.00	0.07	0.32	0.07	0.00
OR-097	7 Identify Locations/Alternatives	0.59	0.00	0.06	0.41	0.12	0.00
OR-097	9 Store and Retrieve	0.52	0.00	0.34	0.00	0.10	0.08
OR-097	13 Draft	1.08	0.59	0.11	0.00	0.38	0.00
** Subtotal **		5.02	0.59	1.04	2.43	0.86	0.08
** SUMMARY FOR OFFICE OR-098							
OR-098	1 Locate Resource	0.01	0.00	0.01	0.00	0.00	0.00
OR-098	2 Map Resource	0.07	0.03	0.01	0.00	0.03	0.00
OR-098	3 Measure Resource	0.72	0.00	0.07	0.58	0.07	0.00
OR-098	4 Identify Conflicts/High Interest	0.06	0.00	0.01	0.04	0.01	0.00
OR-098	7 Identify Locations/Alternatives	1.36	0.00	0.14	0.95	0.27	0.00
OR-098	8 Maintain and Update	0.36	0.14	0.16	0.02	0.02	0.02
OR-098	9 Store and Retrieve	1.95	0.00	1.27	0.00	0.39	0.29
OR-098	11 Reformat	0.17	0.02	0.06	0.06	0.03	0.01
OR-098	12 Distribute	0.01	0.00	0.00	0.00	0.00	0.01
OR-098	13 Draft	1.15	0.63	0.11	0.00	0.40	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER
CODE NO. OF FUNCTION	W/Y PER CAPABILITY CAPABILITY CAPABILITY CAPABILITY CAPABILITY
	FUNCT. IN W/Y IN W/Y IN W/Y IN W/Y IN W/Y

** Subtotal **

5.86	0.82	1.84	1.65	1.22	0.33
** SUMMARY FOR OFFICE OR-099					
OR-099 1 Locate Resource	0.03	0.00	0.03	0.00	0.00
OR-099 2 Map Resource	0.95	0.38	0.10	0.00	0.05
OR-099 3 Measure Resource	0.11	0.00	0.01	0.09	0.00
OR-099 4 Identify Conflicts/High Interest	0.87	0.00	0.13	0.61	0.00
OR-099 6 Measure the Conflicts	0.23	0.00	0.03	0.17	0.00
OR-099 7 Identify Locations/Alternatives	1.32	0.00	0.13	0.92	0.00
OR-099 8 Maintain and Update	0.27	0.11	0.12	0.01	0.01
OR-099 9 Store and Retrieve	0.81	0.00	0.53	0.00	0.12
OR-099 13 Draft	0.15	0.08	0.01	0.00	0.00
** Subtotal **	4.74	0.57	1.09	1.80	0.18

** SUMMARY FOR OFFICE OR-100

0.04	0.00	0.04	0.00	0.00	0.00
OR-100 1 Locate Resource	0.75	0.30	0.08	0.00	0.04
OR-100 2 Map Resource	0.22	0.00	0.02	0.16	0.00
OR-100 3 Measure Resource	0.50	0.00	0.07	0.35	0.00
OR-100 4 Identify Conflicts/High Interest	0.23	0.00	0.03	0.00	0.01
OR-100 5 Map Conflicts	0.24	0.00	0.04	0.18	0.00
OR-100 6 Measure the Conflicts	1.74	0.00	0.17	1.22	0.00
OR-100 7 Identify Locations/Alternatives				0.35	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER					
			W/Y	PER	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY
			FUNC.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
OR-100	8	Maintain and Update	1.07	0.43	0.48	0.05	0.05	0.05
OR-100	9	Store and Retrieve	3.51	0.00	2.28	0.00	0.70	0.53
OR-100	10	Monitor/Compliance	0.71	0.04	0.14	0.46	0.07	0.00
OR-100	11	Reformat	0.35	0.03	0.12	0.12	0.05	0.02
OR-100	12	Distribute	0.13	0.00	0.01	0.00	0.03	0.09
OR-100	13	Draft	0.25	0.14	0.03	0.00	0.09	0.00
** Subtotal **			9.74	0.94	3.51	2.56	1.97	0.74
** SUMMARY FOR OFFICE OR-106								
OR-106	1	Locate Resource	0.02	0.00	0.02	0.00	0.00	0.00
OR-106	2	Map Resource	0.10	0.04	0.01	0.00	0.05	0.01
OR-106	3	Measure Resource	0.44	0.00	0.04	0.35	0.04	0.00
OR-106	4	Identify Conflicts/High Interest	0.13	0.00	0.02	0.03	0.02	0.00
OR-106	7	Identify Locations/Alternatives	0.68	0.00	0.07	0.48	0.14	0.00
OR-106	9	Store and Retrieve	0.70	0.00	0.45	0.00	0.14	0.10
OR-106	12	Distribute	0.01	0.00	0.00	0.00	0.00	0.01
OR-106	13	Draft	0.22	0.12	0.02	0.00	0.08	0.00
** Subtotal **			2.30	0.16	0.63	0.92	0.47	0.12
** SUMMARY FOR OFFICE OR-107								
OR-107	1	Locate Resource	0.03	0.00	0.03	0.00	0.00	0.00
OR-107	2	Map Resource	0.20	0.08	0.02	0.00	0.09	0.01

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER W/Y PER CAPABILITY CAPABILITY CAPABILITY CAPABILITY CAPABILITY
	IN W/Y IN W/Y IN W/Y IN W/Y IN W/Y

OR-107	3 Measure Resource	0.45	0.00	0.05	0.36	0.05	0.00
OR-107	4 Identify Conflicts/High Interest	0.16	0.00	0.02	0.11	0.02	0.00
OR-107	7 Identify Locations/Alternatives	0.73	0.00	0.07	0.51	0.15	0.00
OR-107	8 Maintain and Update	0.47	0.19	0.21	0.02	0.02	0.02
OR-107	9 Store and Retrieve	0.88	0.00	0.57	0.00	0.18	0.13
OR-107	13 Draft	0.65	0.36	0.07	0.00	0.23	0.00
** Subtotal **		3.57	0.53	1.04	1.00	0.74	0.15

** SUMMARY FOR OFFICE OR-108

OR-108	1 Locate Resource	0.04	0.00	0.04	0.00	0.00	0.00
OR-108	2 Map Resource	0.18	0.07	0.02	0.00	0.08	0.01
OR-108	3 Measure Resource	0.68	0.00	0.07	0.54	0.07	0.00
OR-108	4 Identify Conflicts/High Interest	0.08	0.00	0.01	0.06	0.01	0.00
OR-108	6 Measure the Conflicts	0.11	0.00	0.02	0.08	0.01	0.00
OR-108	7 Identify Locations/Alternatives	1.03	0.00	0.10	0.72	0.21	0.00
OR-108	8 Maintain and Update	0.32	0.13	0.14	0.02	0.02	0.02
OR-108	9 Store and Retrieve	2.11	0.00	1.37	0.00	0.42	0.32
OR-108	11 Reformat	0.16	0.02	0.06	0.06	0.02	0.01
OR-108	12 Distribute	0.01	0.00	0.00	0.00	0.00	0.01
OR-108	13 Draft	1.34	0.74	0.13	0.00	0.47	0.00
** Subtotal **		6.06	0.96	1.96	1.48	1.31	0.37

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. DESCRIPTION		TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER				
CODE NO.	OF FUNCTION	W/Y PER FUNCT.	W/Y CAPABILITY	W/Y CAPABILITY	W/Y CAPABILITY	W/Y CAPABILITY
** SUMMARY FOR OFFICE OR-109						
OR-109	1 Locate Resource	0.03	0.00	0.03	0.00	0.00
OR-109	2 Map Resource	0.95	0.38	0.10	0.00	0.43
OR-109	3 Measure Resource	0.25	0.00	0.03	0.20	0.03
OR-109	4 Identify Conflicts/High Interest	0.87	0.00	0.13	0.61	0.13
OR-109	7 Identify Locations/Alternatives	1.30	0.00	0.13	0.91	0.26
OR-109	8 Maintain and Update	0.27	0.11	0.12	0.01	0.01
OR-109	9 Store and Retrieve	0.67	0.00	0.44	0.00	0.13
OR-109	12 Distribute	0.01	0.00	0.00	0.00	0.00
OR-109	13 Draft	0.22	0.12	0.02	0.00	0.08
** Subtotal **		4.57	0.61	1.00	1.73	1.07
** SUMMARY FOR OFFICE OR-110						
OR-110	1 Locate Resource	0.43	0.00	0.43	0.00	0.00
OR-110	2 Map Resource	2.16	0.86	0.22	0.00	0.97
OR-110	3 Measure Resource	0.12	0.00	0.01	0.10	0.01
OR-110	4 Identify Conflicts/High Interest	1.40	0.00	0.21	0.98	0.21
OR-110	5 Map Conflicts	0.08	0.00	0.01	0.00	0.06
OR-110	6 Measure the Conflicts	0.17	0.00	0.03	0.13	0.02
OR-110	7 Identify Locations/Alternatives	3.32	0.00	0.33	2.32	0.66
OR-110	8 Maintain and Update	1.05	0.42	0.47	0.05	0.05
OR-110	9 Store and Retrieve	3.68	0.00	2.39	0.00	0.74
OR-110	10 Monitor/Compliance	0.33	0.02	0.07	0.21	0.03

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER					
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
OR-110	11 Reformat	0.55	0.06	0.19	0.19	0.08	0.03
OR-110	12 Distribute	0.04	0.00	0.00	0.00	0.01	0.03
OR-110	13 Draft	0.88	0.48	0.09	0.00	0.31	0.00
** Subtotal **		14.21	1.84	4.45	3.98	3.15	0.77
** SUMMARY FOR OFFICE OR-114							
OR-114	1 Locate Resource	0.06	0.00	0.06	0.00	0.00	0.00
OR-114	2 Map Resource	0.33	0.13	0.03	0.00	0.15	0.02
OR-114	3 Measure Resource	0.92	0.00	0.09	0.74	0.09	0.00
OR-114	4 Identify Conflicts/High Interest	0.26	0.00	0.04	0.18	0.04	0.00
OR-114	6 Measure the Conflicts	0.11	0.00	0.02	0.08	0.01	0.00
OR-114	7 Identify Locations/Alternatives	1.36	0.00	0.14	0.95	0.27	0.00
OR-114	8 Maintain and Update	0.77	0.31	0.35	0.04	0.04	0.04
OR-114	9 Store and Retrieve	1.38	0.00	0.90	0.00	0.28	0.21
OR-114	12 Distribute	0.01	0.00	0.00	0.00	0.00	0.01
OR-114	13 Draft	0.72	0.40	0.07	0.00	0.25	0.00
** Subtotal **		5.92	0.84	1.70	1.99	1.13	0.28
** SUMMARY FOR OFFICE OR-115							
OR-115	1 Locate Resource	0.03	0.00	0.03	0.00	0.00	0.00
OR-115	2 Map Resource	0.11	0.04	0.01	0.00	0.05	0.01
OR-115	3 Measure Resource	0.61	0.00	0.06	0.49	0.06	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
OR-115	4 Identify Conflicts/High Interest	0.22	0.00	0.03	0.15	0.03		0.00	
OR-115	6 Measure the Conflicts	0.11	0.00	0.02	0.08	0.01		0.00	
OR-115	7 Identify Locations/Alternatives	0.89	0.00	0.09	0.62	0.18		0.00	
OR-115	9 Store and Retrieve	0.94	0.00	0.61	0.00	0.19		0.14	
OR-115	12 Distribute	0.02	0.00	0.00	0.00	0.00		0.01	
OR-115	13 Draft	0.29	0.16	0.03	0.00	0.10		0.00	
** Subtotal **		3.22	0.20	0.88	1.34	0.62		0.16	
** SUMMARY FOR OFFICE OR-116									
OR-116	1 Locate Resource	0.05	0.00	0.05	0.00	0.00		0.00	
OR-116	2 Map Resource	0.11	0.04	0.01	0.00	0.05		0.01	
OR-116	3 Measure Resource	0.91	0.00	0.09	0.73	0.09		0.00	
OR-116	4 Identify Conflicts/High Interest	0.24	0.00	0.04	0.17	0.04		0.00	
OR-116	6 Measure the Conflicts	0.34	0.00	0.05	0.26	0.03		0.00	
OR-116	7 Identify Locations/Alternatives	2.09	0.00	0.21	1.46	0.42		0.00	
OR-116	8 Maintain and Update	0.43	0.17	0.19	0.02	0.02		0.02	
OR-116	9 Store and Retrieve	2.69	0.00	1.75	0.00	0.54		0.40	
OR-116	11 Reformat	0.20	0.02	0.07	0.07	0.03		0.01	
OR-116	12 Distribute	0.01	0.00	0.00	0.00	0.00		0.01	
OR-116	13 Draft	1.74	0.96	0.17	0.00	0.61		0.00	
** Subtotal **		8.61	1.19	2.63	2.71	1.83		0.45	

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL W/Y PER FUNC.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
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** SUMMARY FOR OFFICE OR-117

OR-117	1	Locate Resource	0.06	0.00	0.06	0.00	0.00	0.00	0.00
OR-117	2	Map Resource	1.51	0.60	0.15	0.00	0.68	0.08	0.08
OR-117	3	Measure Resource	0.52	0.00	0.05	0.42	0.05	0.00	0.00
OR-117	4	Identify Conflicts/High Interest	1.44	0.00	0.22	1.01	0.22	0.00	0.00
OR-117	5	Map Conflicts	0.30	0.00	0.04	0.00	0.24	0.01	0.01
OR-117	6	Measure the Conflicts	0.10	0.00	0.01	0.08	0.01	0.00	0.00
OR-117	7	Identify Locations/Alternatives	2.47	0.00	0.25	1.73	0.49	0.00	0.00
OR-117	8	Maintain and Update	0.41	0.16	0.18	0.02	0.02	0.02	0.02
OR-117	9	Store and Retrieve	1.51	0.00	0.98	0.00	0.30	0.23	0.23
OR-117	10	Monitor/Compliance	0.01	0.00	0.00	0.01	0.00	0.00	0.00
OR-117	12	Distribute	0.01	0.00	0.00	0.00	0.00	0.01	0.01
OR-117	13	Draft	0.65	0.36	0.07	0.00	0.23	0.00	0.00
** Subtotal **			8.99	1.12	2.01	3.27	2.24	0.35	0.35

** SUMMARY FOR OFFICE OR-118

OR-118	1	Locate Resource	0.03	0.00	0.03	0.00	0.00	0.00	0.00
OR-118	2	Map Resource	0.32	0.13	0.03	0.00	0.14	0.02	0.02
OR-118	3	Measure Resource	0.65	0.00	0.09	0.68	0.09	0.00	0.00
OR-118	4	Identify Conflicts/High Interest	0.16	0.00	0.02	0.11	0.02	0.00	0.00
OR-118	7	Identify Locations/Alternatives	1.26	0.00	0.13	0.88	0.25	0.00	0.00
OR-118	8	Maintain and Update	0.73	0.32	0.36	0.04	0.04	0.04	0.04
OR-118	9	Store and Retrieve	1.23	0.00	0.80	0.00	0.25	0.18	0.18

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
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OR-118 12 Distribute	0.01	0.00	0.00	0.00	0.01
OR-118 13 Draft	1.04	0.57	0.10	0.00	0.00
** Subtotal **	5.69	1.02	1.56	1.71	0.25

** SUMMARY FOR OFFICE OR-120

OR-120 1 Locate Resource	0.15	0.00	0.15	0.00	0.00
OR-120 2 Map Resource	0.79	0.32	0.08	0.00	0.04
OR-120 3 Measure Resource	0.06	0.00	0.01	0.05	0.00
OR-120 4 Identify Conflicts/High Interest	0.77	0.00	0.12	0.54	0.00
OR-120 7 Identify Locations/Alternatives	1.39	0.00	0.14	0.97	0.00
OR-120 8 Maintain and Update	0.93	0.37	0.42	0.05	0.05
OR-120 9 Store and Retrieve	2.14	0.00	1.39	0.00	0.32
OR-120 10 Monitor/Compliance	0.54	0.03	0.11	0.35	0.00
OR-120 11 Reformat	0.31	0.03	0.11	0.11	0.02
OR-120 12 Distribute	0.11	0.00	0.01	0.00	0.08
OR-120 13 Draft	0.52	0.29	0.05	0.00	0.00
** Subtotal **	7.71	1.04	2.59	2.07	0.51

** SUMMARY FOR OFFICE OR-124

OR-124 1 Locate Resource	0.04	0.00	0.04	0.00	0.00
OR-124 2 Map Resource	0.20	0.08	0.02	0.00	0.01
OR-124 3 Measure Resource	0.38	0.00	0.04	0.30	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNC.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
OR-124	4 Identify Conflicts/High Interest	0.08	0.00	0.01	0.06	0.01	0.00	0.00	0.00
OR-124	6 Measure the Conflicts	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00
OR-124	7 Identify Locations/Alternatives	0.04	0.00	0.00	0.03	0.01	0.00	0.00	0.00
OR-124	9 Store and Retrieve	1.20	0.00	0.78	0.00	0.24	0.18	0.00	0.00
OR-124	11 Reformat	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OR-124	13 Draft	0.22	0.12	0.02	0.00	0.08	0.00	0.00	0.00
** Subtotal **		2.19	0.20	0.91	0.41	0.47	0.19	0.00	0.00
** SUMMARY FOR OFFICE OR-125									
OR-125	1 Locate Resource	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00
OR-125	2 Map Resource	0.20	0.08	0.02	0.00	0.03	0.01	0.00	0.00
OR-125	3 Measure Resource	0.65	0.00	0.07	0.52	0.07	0.00	0.00	0.00
OR-125	4 Identify Conflicts/High Interest	0.08	0.00	0.01	0.06	0.01	0.00	0.00	0.00
OR-125	6 Measure the Conflicts	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00
OR-125	7 Identify Locations/Alternatives	0.81	0.00	0.08	0.57	0.16	0.00	0.00	0.00
OR-125	8 Maintain and Update	0.28	0.11	0.13	0.01	0.01	0.01	0.01	0.01
OR-125	9 Store and Retrieve	2.40	0.00	1.56	0.00	0.48	0.36	0.00	0.00
OR-125	11 Reformat	0.15	0.01	0.05	0.05	0.02	0.01	0.00	0.00
OR-125	13 Draft	0.80	0.44	0.08	0.00	0.28	0.00	0.00	0.00
** Subtotal **		5.43	0.64	2.04	1.23	1.12	0.39	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	OF	W/Y PER	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y
FUNCTION		FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
** SUMMARY FOR OFFICE OR-129												
OR-129	1	Locate Resource	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OR-129	2	Map Resource	1.07	0.43	0.11	0.00	0.00	0.48	0.05	0.05	0.05	0.05
OR-129	3	Measure Resource	0.21	0.00	0.02	0.00	0.17	0.02	0.00	0.00	0.00	0.00
OR-129	4	Identify Conflicts/High Interest	0.77	0.00	0.12	0.00	0.54	0.12	0.00	0.00	0.00	0.00
OR-129	6	Measure the Conflicts	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
OR-129	7	Identify Locations/Alternatives	1.11	0.00	0.11	0.00	0.78	0.22	0.00	0.00	0.00	0.00
OR-129	8	Maintain and Update	0.27	0.11	0.12	0.01	0.01	0.01	0.01	0.01	0.01	0.01
OR-129	9	Store and Retrieve	1.18	0.00	0.77	0.00	0.00	0.24	0.18	0.18	0.18	0.18
OR-129	11	Reformat	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OR-129	13	Draft	0.43	0.24	0.04	0.00	0.00	0.15	0.00	0.00	0.00	0.00
** Subtotal **			5.11	0.78	1.33	1.52	1.24	0.24				
** SUMMARY FOR OFFICE OR-130												
OR-130	1	Locate Resource	0.12	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OR-130	2	Map Resource	0.40	0.16	0.04	0.00	0.00	0.18	0.02	0.02	0.02	0.02
OR-130	3	Measure Resource	0.19	0.00	0.02	0.00	0.15	0.02	0.00	0.00	0.00	0.00
OR-130	4	Identify Conflicts/High Interest	0.51	0.00	0.08	0.00	0.36	0.08	0.00	0.00	0.00	0.00
OR-130	5	Map Conflicts	0.05	0.00	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00
OR-130	6	Measure the Conflicts	0.16	0.00	0.02	0.00	0.12	0.02	0.00	0.00	0.00	0.00
OR-130	7	Identify Locations/Alternatives	0.62	0.00	0.06	0.00	0.43	0.12	0.00	0.00	0.00	0.00
OR-130	8	Maintain and Update	0.06	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OR-130	9	Store and Retrieve	1.69	0.00	1.10	0.00	0.34	0.25				

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNC.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
OR-130	10 Monitor/Compliance	0.59	0.03	0.12	0.38	0.06	0.00
OR-130	12 Distribute	0.11	0.00	0.01	0.00	0.02	0.08
OR-130	13 Draft	0.55	0.30	0.06	0.00	0.19	0.00
** Subtotal **		5.05	0.51	1.67	1.44	1.07	0.35
** SUMMARY FOR OFFICE OR-136							
OR-136	1 Locate Resource	0.02	0.00	0.02	0.00	0.00	0.00
OR-136	2 Map Resource	0.02	0.01	0.00	0.00	0.01	0.00
OR-136	3 Measure Resource	0.18	0.00	0.02	0.14	0.02	0.00
OR-136	4 Identify Conflicts/High Interest	0.03	0.00	0.00	0.02	0.00	0.00
OR-136	6 Measure the Conflicts	0.05	0.00	0.01	0.04	0.01	0.00
OR-136	7 Identify Locations/Alternatives	0.17	0.00	0.02	0.12	0.03	0.00
OR-136	9 Store and Retrieve	0.36	0.00	0.23	0.00	0.07	0.05
OR-136	12 Distribute	0.01	0.00	0.00	0.00	0.00	0.01
OR-136	13 Draft	0.43	0.24	0.04	0.00	0.15	0.00
** Subtotal **		1.27	0.25	0.34	0.32	0.29	0.06
** SUMMARY FOR OFFICE OR-137							
OR-137	2 Map Resource	0.05	0.02	0.01	0.00	0.02	0.00
OR-137	3 Measure Resource	0.31	0.00	0.03	0.25	0.03	0.00
OR-137	4 Identify Conflicts/High Interest	0.01	0.00	0.00	0.01	0.00	0.00
OR-137	6 Measure the Conflicts	0.02	0.00	0.00	0.02	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTUMATED CAPABILITIES

STATE: OREGON

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y PER FUNC.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
OR-137	7	Identify Locations/Alternatives	0.26	0.00	0.03	0.18	0.05	0.00	0.00	0.00
OR-137	8	Maintain and Update	0.13	0.05	0.06	0.01	0.01	0.01	0.01	0.01
OR-137	9	Store and Retrieve	0.93	0.00	0.60	0.00	0.19	0.14	0.14	0.14
OR-137	12	Distribute	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01
OR-137	13	Draft	0.39	0.21	0.04	0.00	0.14	0.00	0.00	0.00
** Subtotal **			2.11	0.28	0.77	0.47	0.44	0.16	0.16	0.16
** SUMMARY FOR OFFICE OR-900										
OR-900	1	Locate Resource	7.76	0.00	7.76	0.00	0.00	0.00	0.00	0.00
OR-900	2	Map Resource	7.88	3.15	0.79	0.00	3.55	0.39	0.39	0.39
OR-900	3	Measure Resource	0.63	0.00	0.06	0.50	0.06	0.00	0.00	0.00
OR-900	4	Identify Conflicts/High Interest	3.40	0.00	0.51	2.38	0.51	0.00	0.00	0.00
OR-900	5	Map Conflicts	2.23	0.00	0.33	0.00	1.78	0.11	0.11	0.11
OR-900	6	Measure the Conflicts	1.26	0.00	0.19	0.95	0.13	0.00	0.00	0.00
OR-900	7	Identify Locations/Alternatives	1.32	0.00	0.13	0.92	0.26	0.00	0.00	0.00
OR-900	8	Maintain and Update	13.77	5.51	6.20	0.69	0.69	0.69	0.69	0.69
OR-900	9	Store and Retrieve	14.17	0.00	9.21	0.00	2.83	2.13	2.13	2.13
OR-900	10	Monitor/Compliance	6.37	0.32	1.27	4.14	0.64	0.00	0.00	0.00
OR-900	11	Reformat	2.35	0.24	0.82	0.82	0.35	0.12	0.12	0.12
OR-900	12	Distribute	2.56	0.00	0.26	0.00	0.51	1.79	1.79	1.79
OR-900	13	Draft	1.22	0.67	0.12	0.00	0.43	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: OREGON

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER					
		W/Y PER FUNCT.		CAPABILITY IN W/Y		CAPABILITY IN W/Y	
		IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
** Subtotal **		64.92	9.89	27.65	10.40	11.74	5.23
*** Total ***		312.55	36.07	109.26	83.33	63.63	20.35

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE CODE	FUNG. NO. OF FUNCTION	DESCRIPTION	TOTAL		DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
			W/Y	PER	CAPABILITY	IN	W/Y	CAPABILITY	IN	W/Y	CAPABILITY	IN
			FUNCT.			W/Y			W/Y		W/Y	
** SUMMARY FOR OFFICE UT-020												
UT-020	2	Map Resource	0.86		0.34		0.09	0.00		0.39	0.04	
UT-020	3	Measure Resource	0.40		0.00		0.04	0.32		0.04	0.00	
UT-020	4	Identify Conflicts/High Interest	0.18		0.00		0.03	0.13		0.03	0.00	
UT-020	5	Map Conflicts	0.06		0.00		0.01	0.00		0.05	0.00	
UT-020	6	Measure the Conflicts	0.20		0.00		0.03	0.15		0.02	0.00	
UT-020	7	Identify Locations/Alternatives	0.10		0.00		0.01	0.07		0.02	0.00	
UT-020	8	Maintain and Update	0.34		0.14		0.15	0.02		0.02	0.02	
UT-020	9	Store and Retrieve	5.62		0.00		3.65	0.00		1.12	0.84	
UT-020	11	Reformat	0.06		0.01		0.02	0.02		0.01	0.00	
UT-020	12	Distribute	0.08		0.00		0.01	0.00		0.02	0.06	
UT-020	13	Draft	0.10		0.06		0.01	0.00		0.03	0.00	
** Subtotal **			8.00		0.55		4.05	0.71		1.75	0.96	
** SUMMARY FOR OFFICE UT-026												
UT-026	1	Locate Resource	0.22		0.00		0.22	0.00		0.00	0.00	
UT-026	2	Map Resource	0.97		0.39		0.10	0.00		0.44	0.05	
UT-026	3	Measure Resource	0.97		0.00		0.10	0.78		0.10	0.00	
UT-026	4	Identify Conflicts/High Interest	0.13		0.00		0.02	0.09		0.02	0.00	
UT-026	6	Measure the Conflicts	0.29		0.00		0.04	0.22		0.03	0.00	
UT-026	7	Identify Locations/Alternatives	0.30		0.00		0.03	0.21		0.06	0.00	
UT-026	8	Maintain and Update	0.08		0.03		0.04	0.00		0.00	0.00	
UT-026	9	Store and Retrieve	1.86		0.00		1.21	0.00		0.37	0.28	

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE CODE	FUNC. NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER					
			W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
UT-026	10	Monitor/Compliance	0.21	0.01	0.04	0.14	0.02	0.00
UT-026	13	Draft	0.03	0.02	0.00	0.00	0.01	0.00
** Subtotal **			5.06	0.45	1.80	1.44	1.05	0.33
** SUMMARY FOR OFFICE UT-027								
UT-027	1	Locate Resource	0.26	0.00	0.26	0.00	0.00	0.00
UT-027	2	Map Resource	1.23	0.49	0.12	0.00	0.55	0.06
UT-027	3	Measure Resource	1.18	0.00	0.12	0.94	0.12	0.00
UT-027	4	Identify Conflicts/High Interest	0.31	0.00	0.05	0.22	0.05	0.00
UT-027	5	Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.01
UT-027	6	Measure the Conflicts	0.43	0.00	0.06	0.32	0.04	0.00
UT-027	7	Identify Locations/Alternatives	0.42	0.00	0.04	0.29	0.08	0.00
UT-027	8	Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02
UT-027	9	Store and Retrieve	1.52	0.00	0.99	0.00	0.30	0.23
UT-027	10	Monitor/Compliance	0.26	0.01	0.05	0.17	0.03	0.00
UT-027	13	Draft	0.03	0.02	0.00	0.00	0.01	0.00
** Subtotal **			6.21	0.69	1.90	1.96	1.32	0.32
** SUMMARY FOR OFFICE UT-040								
UT-040	1	Locate Resource	0.06	0.00	0.06	0.00	0.00	0.00
UT-040	2	Map Resource	1.88	0.75	0.19	0.00	0.85	0.09
UT-040	3	Measure Resource	0.52	0.00	0.05	0.42	0.05	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL		DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
		W/Y PER FUNCT.	IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
UT-040	4 Identify Conflicts/High Interest	0.21	0.00	0.03	0.15	0.03	0.03	0.00	0.00	0.00	0.00
UT-040	5 Map Conflicts	0.06	0.00	0.01	0.00	0.05	0.05	0.00	0.00	0.00	0.00
UT-040	6 Measure the Conflicts	0.24	0.00	0.04	0.18	0.02	0.02	0.00	0.00	0.00	0.00
UT-040	7 Identify Locations/Alternatives	0.39	0.00	0.04	0.27	0.08	0.08	0.00	0.00	0.00	0.00
UT-040	8 Maintain and Update	0.34	0.14	0.15	0.02	0.02	0.02	0.02	0.02	1.09	0.02
UT-040	9 Store and Retrieve	7.27	0.00	4.73	0.00	1.45	1.45	0.00	0.00	0.00	0.00
UT-040	10 Monitor/Compliance	0.05	0.00	0.01	0.03	0.01	0.01	0.00	0.00	0.00	0.00
UT-040	13 Draft	0.20	0.11	0.02	0.00	0.07	0.07	0.00	0.00	0.00	0.00
** Subtotal **		11.22	1.00	5.33	1.07	2.63	2.63	1.20	1.20		
** SUMMARY FOR OFFICE UT-046											
UT-046	1 Locate Resource	0.24	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UT-046	2 Map Resource	0.54	0.22	0.05	0.00	0.24	0.24	0.03	0.03	0.03	0.03
UT-046	3 Measure Resource	0.56	0.00	0.06	0.45	0.06	0.06	0.00	0.00	0.00	0.00
UT-046	4 Identify Conflicts/High Interest	0.10	0.00	0.01	0.07	0.01	0.01	0.00	0.00	0.00	0.00
UT-046	5 Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.12	0.01	0.01	0.01	0.01
UT-046	6 Measure the Conflicts	0.28	0.00	0.04	0.21	0.03	0.03	0.00	0.00	0.00	0.00
UT-046	7 Identify Locations/Alternatives	0.22	0.00	0.02	0.15	0.04	0.04	0.00	0.00	0.00	0.00
UT-046	8 Maintain and Update	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UT-046	9 Store and Retrieve	1.33	0.00	0.86	0.00	0.27	0.27	0.20	0.20	0.20	0.20
UT-046	10 Monitor/Compliance	0.05	0.00	0.01	0.03	0.01	0.01	0.00	0.00	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL W/Y PER FUNC.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
*** Subtotal ***	3.50	0.23	1.32	0.91	0.78	0.24
*** SUMMARY FOR OFFICE UT-047						
UT-047 1 Locate Resource	0.16	0.00	0.16	0.00	0.00	0.00
UT-047 2 Map Resource	0.76	0.30	0.08	0.00	0.34	0.04
UT-047 3 Measure Resource	0.72	0.00	0.07	0.58	0.07	0.00
UT-047 4 Identify Conflicts/High Interest	0.21	0.00	0.03	0.15	0.03	0.00
UT-047 6 Measure the Conflicts	0.29	0.00	0.04	0.22	0.03	0.00
UT-047 7 Identify Locations/Alternatives	0.23	0.00	0.02	0.16	0.05	0.00
UT-047 8 Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02
UT-047 9 Store and Retrieve	1.53	0.00	0.99	0.00	0.31	0.23
UT-047 10 Monitor/Compliance	0.16	0.01	0.03	0.10	0.02	0.00
UT-047 11 Reformat	0.06	0.01	0.02	0.02	0.01	0.00
UT-047 12 Distribute	0.08	0.00	0.01	0.00	0.02	0.06
UT-047 13 Draft	0.03	0.02	0.00	0.00	0.01	0.00
*** Subtotal ***	4.65	0.51	1.64	1.25	0.91	0.35
*** SUMMARY FOR OFFICE UT-048						
UT-048 1 Locate Resource	0.24	0.00	0.24	0.00	0.00	0.00
UT-048 2 Map Resource	1.24	0.50	0.12	0.00	0.56	0.06
UT-048 3 Measure Resource	1.13	0.00	0.11	0.90	0.11	0.00
UT-048 4 Identify Conflicts/High Interest	0.28	0.00	0.04	0.20	0.04	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE CODE	FUNC. NO.	DESCRIPTION FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y	PER	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
UT-048	6	Measure the Conflicts	0.34	0.00	0.05	0.26	0.03	0.00		
UT-048	7	Identify Locations/Alternatives	0.42	0.00	0.04	0.29	0.08	0.00		
UT-048	8	Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02		
UT-048	9	Store and Retrieve	1.77	0.00	1.15	0.00	0.35	0.27		
UT-048	10	Monitor/Compliance	0.26	0.01	0.05	0.17	0.03	0.00		
UT-048	13	Draft	0.03	0.02	0.00	0.00	0.01	0.00		
## Subtotal ##			6.13	0.70	1.99	1.84	1.23	0.35		
## SUMMARY FOR OFFICE UT-049										
UT-049	1	Locate Resource	0.15	0.00	0.15	0.00	0.00	0.00		
UT-049	2	Map Resource	0.65	0.26	0.07	0.00	0.29	0.03		
UT-049	3	Measure Resource	0.67	0.00	0.07	0.54	0.07	0.00		
UT-049	4	Identify Conflicts/High Interest	0.13	0.00	0.02	0.09	0.02	0.00		
UT-049	6	Measure the Conflicts	0.16	0.00	0.02	0.12	0.02	0.00		
UT-049	7	Identify Locations/Alternatives	0.28	0.00	0.03	0.20	0.06	0.00		
UT-049	9	Store and Retrieve	0.75	0.00	0.49	0.00	0.15	0.11		
UT-049	10	Monitor/Compliance	0.15	0.01	0.03	0.10	0.01	0.00		
## Subtotal ##			2.94	0.27	0.88	1.05	0.62	0.14		
## SUMMARY FOR OFFICE UT-050										
UT-050	1	Locate Resource	0.01	0.00	0.01	0.00	0.00	0.00		
UT-050	2	Map Resource	1.30	0.52	0.13	0.00	0.59	0.07		

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE FUNC. CODE NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
UT-050	3 Measure Resource	0.53	0.00	0.05	0.42	0.05	0.00	0.00	0.00
UT-050	4 Identify Conflicts/High Interest	0.18	0.00	0.03	0.13	0.03	0.00	0.00	0.00
UT-050	5 Map Conflicts	0.19	0.00	0.03	0.00	0.15	0.01	0.01	0.01
UT-050	6 Measure the Conflicts	0.21	0.00	0.03	0.16	0.02	0.00	0.00	0.00
UT-050	7 Identify Locations/Alternatives	0.16	0.00	0.02	0.11	0.03	0.00	0.00	0.00
UT-050	8 Maintain and Update	0.35	0.14	0.16	0.02	0.02	0.02	0.02	0.02
UT-050	9 Store and Retrieve	6.14	0.00	3.99	0.00	1.23	0.92	0.00	0.00
UT-050	10 Monitor/Compliance	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
UT-050	11 Reformat	0.06	0.01	0.02	0.02	0.01	0.00	0.00	0.00
UT-050	12 Distribute	0.08	0.00	0.01	0.00	0.02	0.06	0.00	0.00
UT-050	13 Draft	0.16	0.09	0.02	0.00	0.06	0.00	0.00	0.00
## Subtotal ##		9.38	0.76	4.50	0.87	2.21	1.08		
## SUMMARY FOR OFFICE UT-056									
UT-056	1 Locate Resource	0.17	0.00	0.17	0.00	0.00	0.00	0.00	0.00
UT-056	2 Map Resource	1.01	0.40	0.10	0.00	0.45	0.05	0.05	0.05
UT-056	3 Measure Resource	0.97	0.00	0.10	0.78	0.10	0.00	0.00	0.00
UT-056	4 Identify Conflicts/High Interest	0.24	0.00	0.04	0.17	0.04	0.00	0.00	0.00
UT-056	5 Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.01	0.01	0.01
UT-056	6 Measure the Conflicts	0.18	0.00	0.03	0.14	0.02	0.00	0.00	0.00
UT-056	7 Identify Locations/Alternatives	0.42	0.00	0.04	0.29	0.08	0.00	0.00	0.00
UT-056	8 Maintain and Update	0.15	0.06	0.07	0.01	0.01	0.01	0.01	0.01
UT-056	9 Store and Retrieve	1.90	0.00	1.23	0.00	0.38	0.28	0.28	0.28

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE CODE	FUNC. NO. OF FUNCTION	DESCRIPTION	TOTAL		DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
			W/Y	PER	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y
UT-056	10	Monitor/Compliance	0.21		0.01	0.04	0.14		0.02		0.00	
UT-056	13	Draft	0.03		0.02	0.00	0.00		0.01		0.00	
## Subtotal ##			5.43		0.49	1.84	1.53		1.23		0.35	
## SUMMARY FOR OFFICE UT-057												
UT-057	1	Locate Resource	0.20		0.00	0.20	0.00		0.00		0.00	
UT-057	2	Map Resource	1.03		0.41	0.10	0.00		0.46		0.05	
UT-057	3	Measure Resource	0.93		0.00	0.09	0.74		0.09		0.00	
UT-057	4	Identify Conflicts/High Interest	0.40		0.00	0.06	0.28		0.06		0.00	
UT-057	6	Measure the Conflicts	0.41		0.00	0.06	0.31		0.04		0.00	
UT-057	7	Identify Locations/Alternatives	0.36		0.00	0.04	0.25		0.07		0.00	
UT-057	8	Maintain and Update	0.83		0.33	0.37	0.04		0.04		0.04	
UT-057	9	Store and Retrieve	1.97		0.00	1.28	0.00		0.39		0.30	
UT-057	10	Monitor/Compliance	0.21		0.01	0.04	0.14		0.02		0.00	
UT-057	13	Draft	0.03		0.02	0.00	0.00		0.01		0.00	
## Subtotal ##			6.37		0.77	2.24	1.76		1.18		0.39	
## SUMMARY FOR OFFICE UT-058												
UT-058	1	Locate Resource	0.28		0.00	0.28	0.00		0.00		0.00	
UT-058	2	Map Resource	1.40		0.56	0.14	0.00		0.63		0.07	
UT-058	3	Measure Resource	1.28		0.00	0.13	1.02		0.13		0.00	
UT-058	4	Identify Conflicts/High Interest	0.29		0.00	0.04	0.20		0.04		0.00	

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y	PER	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
UT-058	6	Measure the Conflicts	0.34	0.00	0.05	0.26	0.03	0.00		
UT-058	7	Identify Locations/Alternatives	0.44	0.00	0.04	0.31	0.09	0.00		
UT-058	8	Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02		
UT-058	9	Store and Retrieve	0.77	0.00	0.50	0.00	0.15	0.12		
UT-058	10	Monitor/Compliance	0.31	0.02	0.06	0.20	0.03	0.00		
UT-058	13	Draft	0.03	0.02	0.00	0.00	0.01	0.00		
** Subtotal **			5.56	0.77	1.43	2.01	1.13	0.21		
** SUMMARY FOR OFFICE UT-059										
UT-059	1	Locate Resource	0.24	0.00	0.24	0.00	0.00	0.00		
UT-059	2	Map Resource	1.19	0.48	0.12	0.00	0.54	0.06		
UT-059	3	Measure Resource	1.13	0.00	0.11	0.90	0.11	0.00		
UT-059	4	Identify Conflicts/High Interest	0.26	0.00	0.04	0.18	0.04	0.00		
UT-059	6	Measure the Conflicts	0.33	0.00	0.05	0.25	0.03	0.00		
UT-059	7	Identify Locations/Alternatives	0.37	0.00	0.04	0.26	0.07	0.00		
UT-059	8	Maintain and Update	0.42	0.17	0.19	0.02	0.02	0.02		
UT-059	9	Store and Retrieve	1.31	0.00	0.85	0.00	0.26	0.20		
UT-059	10	Monitor/Compliance	0.26	0.01	0.05	0.17	0.03	0.00		
UT-059	13	Draft	0.03	0.02	0.00	0.00	0.01	0.00		
** Subtotal **			5.54	0.68	1.69	1.78	1.11	0.28		

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
** SUMMARY FOR OFFICE UT-060												
UT-060	1	Locate Resource	1.36	0.00	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UT-060	2	Map Resource	1.24	0.50	0.12	0.00	0.00	0.00	0.56	0.06	0.06	0.06
UT-060	3	Measure Resource	0.71	0.00	0.07	0.00	0.57	0.07	0.07	0.00	0.00	0.00
UT-060	4	Identify Conflicts/High Interest	0.58	0.00	0.09	0.00	0.41	0.09	0.09	0.00	0.00	0.00
UT-060	6	Measure the Conflicts	0.60	0.00	0.09	0.00	0.45	0.06	0.06	0.00	0.00	0.00
UT-060	7	Identify Locations/Alternatives	1.33	0.00	0.13	0.00	0.93	0.27	0.27	0.00	0.00	0.00
UT-060	8	Maintain and Update	0.26	0.10	0.12	0.00	0.01	0.01	0.01	0.01	0.01	0.01
UT-060	9	Store and Retrieve	3.94	0.00	2.56	0.00	0.00	0.79	0.79	0.59	0.59	0.59
UT-060	10	Monitor/Compliance	0.93	0.05	0.19	0.00	0.60	0.09	0.09	0.00	0.00	0.00
UT-060	11	Reformat	0.24	0.02	0.08	0.00	0.08	0.04	0.04	0.01	0.01	0.01
UT-060	12	Distribute	0.39	0.00	0.04	0.00	0.00	0.08	0.08	0.27	0.27	0.27
UT-060	13	Draft	0.38	0.21	0.04	0.00	0.00	0.13	0.13	0.00	0.00	0.00
** Subtotal **			11.96	0.88	4.89	3.05	2.19	0.94				
** SUMMARY FOR OFFICE UT-066												
UT-066	1	Locate Resource	0.35	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UT-066	2	Map Resource	0.86	0.34	0.09	0.00	0.00	0.39	0.04	0.04	0.04	0.04
UT-066	3	Measure Resource	0.18	0.00	0.02	0.14	0.02	0.02	0.00	0.00	0.00	0.00
UT-066	4	Identify Conflicts/High Interest	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
UT-066	6	Measure the Conflicts	0.17	0.00	0.03	0.13	0.02	0.02	0.02	0.00	0.00	0.00
UT-066	7	Identify Locations/Alternatives	0.16	0.00	0.02	0.11	0.03	0.03	0.03	0.00	0.00	0.00
UT-066	8	Maintain and Update	0.17	0.07	0.08	0.01	0.01	0.01	0.01	0.01	0.01	0.01

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE CODE	FUNC. NO. OF FUNCTION	DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
			W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
UT-066	9	Store and Retrieve	0.61	0.00	0.40	0.09
UT-066	10	Monitor/Compliance	0.53	0.03	0.11	0.00
UT-066	13	Draft	0.10	0.06	0.01	0.00
## Subtotal ##			3.16	0.50	1.11	0.14
## SUMMARY FOR OFFICE UT-067						
UT-067	1	Locate Resource	0.35	0.00	0.35	0.00
UT-067	2	Map Resource	0.87	0.35	0.09	0.04
UT-067	3	Measure Resource	0.18	0.00	0.02	0.00
UT-067	4	Identify Conflicts/High Interest	0.06	0.00	0.01	0.00
UT-067	6	Measure the Conflicts	0.18	0.00	0.03	0.00
UT-067	7	Identify Locations/Alternatives	0.13	0.00	0.01	0.00
UT-067	8	Maintain and Update	0.20	0.08	0.09	0.01
UT-067	9	Store and Retrieve	1.21	0.00	0.79	0.18
UT-067	10	Monitor/Compliance	0.83	0.04	0.17	0.00
## Subtotal ##			4.01	0.47	1.56	0.23
## SUMMARY FOR OFFICE UT-068						
UT-068	1	Locate Resource	0.32	0.00	0.32	0.00
UT-068	2	Map Resource	0.64	0.26	0.06	0.03
UT-068	3	Measure Resource	0.07	0.00	0.01	0.00
UT-068	4	Identify Conflicts/High Interest	0.03	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
	W/Y PER	FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
UT-068 6 Measure the Conflicts	0.31	0.00	0.05	0.23	0.03	0.00		
UT-068 7 Identify Locations/Alternatives	0.21	0.00	0.02	0.15	0.04	0.00		
UT-068 8 Maintain and Update	0.13	0.05	0.06	0.01	0.01	0.01		
UT-068 9 Store and Retrieve	1.07	0.00	0.70	0.00	0.21	0.16		
UT-068 10 Monitor/Compliance	0.25	0.01	0.05	0.16	0.03	0.00		
UT-068 13 Draft	0.15	0.08	0.01	0.00	0.05	0.00		
## Subtotal ##	3.18	0.40	1.28	0.63	0.67	0.20		
## SUMMARY FOR OFFICE UT-069								
UT-069 1 Locate Resource	0.26	0.00	0.26	0.00	0.00	0.00		
UT-069 2 Map Resource	0.66	0.26	0.07	0.00	0.30	0.03		
UT-069 3 Measure Resource	0.10	0.00	0.01	0.08	0.01	0.00		
UT-069 4 Identify Conflicts/High Interest	0.06	0.00	0.01	0.04	0.01	0.00		
UT-069 6 Measure the Conflicts	0.19	0.00	0.03	0.14	0.02	0.00		
UT-069 7 Identify Locations/Alternatives	0.23	0.00	0.02	0.16	0.05	0.00		
UT-069 8 Maintain and Update	0.19	0.08	0.09	0.01	0.01	0.01		
UT-069 9 Store and Retrieve	1.41	0.00	0.92	0.00	0.28	0.21		
UT-069 10 Monitor/Compliance	0.26	0.01	0.05	0.17	0.03	0.00		
UT-069 11 Reformat	0.06	0.01	0.02	0.02	0.01	0.00		
UT-069 12 Distribute	0.08	0.00	0.01	0.00	0.02	0.06		
UT-069 13 Draft	0.10	0.06	0.01	0.00	0.03	0.00		

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL		DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
			W/Y	PER	CAPABILITY	W/Y	CAPABILITY	W/Y	CAPABILITY	W/Y	CAPABILITY	W/Y
			FUNCT.	IN	W/Y	IN	W/Y	IN	W/Y	IN	W/Y	IN
--												
** Subtotal **												
** SUMMARY FOR OFFICE UT-080												
UT-080	1	Locate Resource	0.90	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UT-080	2	Map Resource	0.69	0.28	0.07	0.00	0.00	0.31	0.03	0.03	0.03	0.03
UT-080	3	Measure Resource	0.24	0.00	0.02	0.00	0.19	0.02	0.00	0.00	0.00	0.00
UT-080	4	Identify Conflicts/High Interest	0.26	0.00	0.04	0.00	0.18	0.04	0.00	0.00	0.00	0.00
UT-080	6	Measure the Conflicts	0.28	0.00	0.04	0.00	0.21	0.03	0.00	0.00	0.00	0.00
UT-080	7	Identify Locations/Alternatives	0.37	0.00	0.04	0.00	0.26	0.07	0.00	0.00	0.00	0.00
UT-080	8	Maintain and Update	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UT-080	9	Store and Retrieve	2.42	0.00	1.57	0.00	0.00	0.48	0.36	0.36	0.36	0.36
UT-080	10	Monitor/Compliance	0.44	0.02	0.09	0.00	0.29	0.04	0.00	0.00	0.00	0.00
UT-080	11	Reformat	0.45	0.05	0.16	0.00	0.16	0.07	0.02	0.02	0.02	0.02
UT-080	12	Distribute	0.32	0.00	0.03	0.00	0.00	0.06	0.22	0.22	0.22	0.22
UT-080	13	Draft	0.19	0.10	0.02	0.00	0.00	0.07	0.00	0.00	0.00	0.00
** Subtotal **												
			3.60	0.42	1.50	0.62	0.77	0.31	0.31	0.31	0.31	0.31
** SUMMARY FOR OFFICE UT-086												
UT-086	1	Locate Resource	0.26	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UT-086	2	Map Resource	0.47	0.19	0.05	0.00	0.00	0.21	0.02	0.02	0.02	0.02
UT-086	3	Measure Resource	0.05	0.00	0.01	0.00	0.04	0.01	0.00	0.00	0.00	0.00
UT-086	4	Identify Conflicts/High Interest	0.13	0.00	0.02	0.00	0.09	0.02	0.00	0.00	0.00	0.00

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
UT-086	6 Measure the Conflicts	0.27	0.00	0.04	0.20
UT-086	7 Identify Locations/Alternatives	0.82	0.00	0.08	0.57
UT-086	8 Maintain and Update	0.13	0.05	0.06	0.01
UT-086	9 Store and Retrieve	0.61	0.00	0.40	0.00
UT-086	10 Monitor/Compliance	0.27	0.01	0.05	0.18
UT-086	13 Draft	0.18	0.10	0.02	0.00
** Subtotal **		3.19	0.35	0.99	1.09
					0.65
					0.12
** SUMMARY FOR OFFICE UT-087					
UT-087	1 Locate Resource	0.24	0.00	0.24	0.00
UT-087	2 Map Resource	0.40	0.16	0.04	0.00
UT-087	3 Measure Resource	0.10	0.00	0.01	0.08
UT-087	4 Identify Conflicts/High Interest	0.03	0.00	0.00	0.02
UT-087	6 Measure the Conflicts	0.29	0.00	0.04	0.22
UT-087	7 Identify Locations/Alternatives	0.22	0.00	0.02	0.15
UT-087	8 Maintain and Update	0.13	0.05	0.06	0.01
UT-087	9 Store and Retrieve	1.12	0.00	0.73	0.00
UT-087	10 Monitor/Compliance	0.27	0.01	0.05	0.18
UT-087	13 Draft	0.21	0.12	0.02	0.00
** Subtotal **		3.01	0.34	1.21	0.66
					0.59
					0.20

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: UTAH

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF	W/Y PER	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY	CAPABILITY
	FUNCTION	FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
** SUMMARY FOR OFFICE UT-900												
UT-900	1 Locate Resource	1.43	0.00		1.43	0.00		0.00		0.00		0.00
UT-900	2 Map Resource	1.53	0.61		0.15	0.00		0.00		0.69		0.08
UT-900	3 Measure Resource	2.91	0.00		0.29	2.33		0.29		0.29		0.00
UT-900	4 Identify Conflicts/High Interest	1.66	0.00		0.25	1.16		0.25		0.25		0.00
UT-900	5 Map Conflicts	0.17	0.00		0.03	0.00		0.00		0.14		0.01
UT-900	6 Measure the Conflicts	1.30	0.00		0.20	0.98		0.13		0.13		0.00
UT-900	7 Identify Locations/Alternatives	0.29	0.00		0.03	0.20		0.06		0.06		0.00
UT-900	8 Maintain and Update	1.08	0.43		0.49	0.05		0.05		0.05		0.05
UT-900	9 Store and Retrieve	14.40	0.00		9.36	0.00		2.88		2.88		2.16
UT-900	10 Monitor/Compliance	5.73	0.29		1.15	3.72		0.57		0.57		0.00
UT-900	11 Reform	1.25	0.12		0.44	0.44		0.19		0.19		0.06
UT-900	12 Distribute	0.50	0.00		0.05	0.00		0.10		0.10		0.35
UT-900	13 Draft	0.42	0.23		0.04	0.00		0.15		0.15		0.00
** Subtotal **		32.67	1.68		13.91	8.88		5.50		5.50		2.71
*** Total ***												
		151.34	13.36		60.04	36.11		30.18		30.18		11.68

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: WYOMING

OFFICE FUNC. DESCRIPTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER
CODE NO. OF FUNCTION	W/Y PER CAPABILITY CAPABILITY CAPABILITY CAPABILITY CAPABILITY
	FUNCT. IN W/Y IN W/Y IN W/Y IN W/Y IN W/Y

SUMMARY FOR OFFICE WY-010

WY-010	1	Locate Resource	1.68	0.00	1.68	0.00	0.00	0.00	0.00
WY-010	2	Map Resource	1.59	0.64	0.16	0.00	0.72	0.08	0.08
WY-010	3	Measure Resource	0.95	0.00	0.10	0.76	0.10	0.00	0.00
WY-010	4	Identify Conflicts/High Interest	0.80	0.00	0.12	0.56	0.12	0.00	0.00
WY-010	5	Map Conflicts	0.27	0.00	0.04	0.00	0.22	0.01	0.01
WY-010	6	Measure the Conflicts	0.62	0.00	0.09	0.47	0.06	0.00	0.00
WY-010	7	Identify Locations/Alternatives	0.64	0.00	0.06	0.45	0.13	0.00	0.00
WY-010	8	Maintain and Update	0.39	0.16	0.18	0.02	0.02	0.02	0.02
WY-010	9	Store and Retrieve	3.56	0.00	2.31	0.00	0.71	0.53	0.53
WY-010	10	Monitor/Compliance	0.48	0.02	0.10	0.31	0.05	0.00	0.00
WY-010	11	Reformat	0.52	0.05	0.18	0.18	0.08	0.03	0.03
WY-010	12	Distribute	0.28	0.00	0.03	0.00	0.06	0.20	0.20
WY-010	13	Draft	0.45	0.25	0.05	0.00	0.16	0.00	0.00
##	Subtotal	##	12.23	1.12	5.10	2.75	2.43	0.87	0.87

SUMMARY FOR OFFICE WY-011

WY-011	1	Locate Resource	0.09	0.00	0.09	0.00	0.00	0.00	0.00
WY-011	2	Map Resource	0.21	0.08	0.02	0.00	0.09	0.01	0.01
WY-011	3	Measure Resource	0.03	0.00	0.00	0.02	0.00	0.00	0.00
WY-011	4	Identify Conflicts/High Interest	0.15	0.00	0.02	0.10	0.02	0.00	0.00
WY-011	6	Measure the Conflicts	0.45	0.00	0.07	0.34	0.05	0.00	0.00
WY-011	7	Identify Locations/Alternatives	0.85	0.00	0.09	0.59	0.17	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: WYOMING

OFFICE FUNC. DESCRIPTION CODE NO. OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
	W/Y PER FUNC.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
WY-011 8 Maintain and Update	0.16	0.06	0.07	0.01
WY-011 9 Store and Retrieve	0.42	0.00	0.27	0.08
WY-011 10 Monitor/Compliance	0.15	0.01	0.03	0.01
WY-011 13 Draft	0.18	0.10	0.02	0.06
## Subtotal ##	2.69	0.25	0.68	0.49
## SUMMARY FOR OFFICE WY-012				
WY-012 1 Locate Resource	0.06	0.00	0.06	0.00
WY-012 2 Map Resource	0.40	0.16	0.04	0.18
WY-012 3 Measure Resource	0.10	0.00	0.01	0.01
WY-012 4 Identify Conflicts/High Interest	0.05	0.00	0.01	0.01
WY-012 6 Measure the Conflicts	0.25	0.00	0.04	0.03
WY-012 7 Identify Locations/Alternatives	0.23	0.00	0.02	0.05
WY-012 8 Maintain and Update	0.19	0.08	0.09	0.01
WY-012 9 Store and Retrieve	0.95	0.00	0.62	0.19
WY-012 10 Monitor/Compliance	0.01	0.00	0.00	0.00
WY-012 13 Draft	0.10	0.06	0.01	0.03
## Subtotal ##	2.34	0.30	0.90	0.51
## SUMMARY FOR OFFICE WY-013				
WY-013 1 Locate Resource	0.06	0.00	0.06	0.00
WY-013 2 Map Resource	0.44	0.18	0.04	0.20

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: WYOMING

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
WY-013	3 Measure Resource	0.15	0.00	0.01	0.12
WY-013	4 Identify Conflicts/High Interest	0.08	0.00	0.01	0.06
WY-013	5 Map Conflicts	0.15	0.00	0.02	0.00
WY-013	6 Measure the Conflicts	0.26	0.00	0.04	0.20
WY-013	7 Identify Locations/Alternatives	0.20	0.00	0.02	0.14
WY-013	8 Maintain and Update	0.16	0.06	0.07	0.01
WY-013	9 Store and Retrieve	0.92	0.00	0.60	0.18
WY-013	10 Monitor/Compliance	0.01	0.00	0.00	0.00
WY-013	13 Draft	0.10	0.06	0.01	0.00
** Subtotal **		2.53	0.30	0.88	0.54
					0.63
					0.18
** SUMMARY FOR OFFICE WY-030					
WY-030	1 Locate Resource	1.84	0.00	1.84	0.00
WY-030	2 Map Resource	1.85	0.74	0.19	0.09
WY-030	3 Measure Resource	2.12	0.00	0.21	0.00
WY-030	4 Identify Conflicts/High Interest	1.14	0.00	0.17	0.00
WY-030	5 Map Conflicts	0.40	0.00	0.06	0.02
WY-030	6 Measure the Conflicts	0.50	0.00	0.07	0.00
WY-030	7 Identify Locations/Alternatives	1.33	0.00	0.13	0.00
WY-030	8 Maintain and Update	0.74	0.30	0.33	0.04
WY-030	9 Store and Retrieve	7.60	0.00	4.94	1.14
WY-030	10 Monitor/Compliance	3.19	0.16	0.64	0.00
WY-030	11 Reformat	0.75	0.08	0.26	0.04

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: WYOMING

OFFICE FUNC. CODE	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER			
		W/Y PER FUNCT.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y
WY-030	12 Distribute	0.81	0.00	0.08	0.16
WY-030	13 Draft	0.37	0.20	0.04	0.13
** Subtotal **		22.64	1.48	8.96	4.13
** SUMMARY FOR OFFICE WY-031					
WY-031	1 Locate Resource	0.21	0.00	0.21	0.00
WY-031	2 Map Resource	0.74	0.30	0.07	0.33
WY-031	3 Measure Resource	0.44	0.00	0.04	0.04
WY-031	4 Identify Conflicts/High Interest	1.05	0.00	0.16	0.16
WY-031	5 Map Conflicts	0.24	0.00	0.04	0.19
WY-031	6 Measure the Conflicts	0.25	0.00	0.04	0.03
WY-031	7 Identify Locations/Alternatives	0.52	0.00	0.05	0.10
WY-031	8 Maintain and Update	0.41	0.16	0.18	0.02
WY-031	9 Store and Retrieve	2.70	0.00	1.76	0.54
WY-031	10 Monitor/Compliance	0.86	0.04	0.17	0.09
WY-031	12 Distribute	0.12	0.00	0.01	0.02
WY-031	13 Draft	0.07	0.04	0.01	0.02
** Subtotal **		7.61	0.54	2.74	1.54
** SUMMARY FOR OFFICE WY-032					
WY-032	1 Locate Resource	0.11	0.00	0.11	0.00
WY-032	2 Map Resource	0.83	0.33	0.08	0.37

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: WYOMING

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL		DATA ENTRY DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
			W/Y PER		CAPABILITY		CAPABILITY		CAPABILITY		CAPABILITY	
			FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
WY-032	3	Measure Resource	0.15	0.00	0.01	0.12	0.01	0.00	0.01	0.00	0.00	0.00
WY-032	4	Identify Conflicts/High Interest	0.47	0.00	0.07	0.33	0.07	0.00	0.07	0.00	0.00	0.00
WY-032	5	Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.01	0.12	0.01	0.01	0.01
WY-032	6	Measure the Conflicts	0.46	0.00	0.07	0.35	0.05	0.00	0.05	0.00	0.00	0.00
WY-032	7	Identify Locations/Alternatives	0.34	0.00	0.03	0.24	0.07	0.00	0.07	0.00	0.00	0.00
WY-032	8	Maintain and Update	0.29	0.12	0.13	0.01	0.01	0.01	0.01	0.01	0.01	0.01
WY-032	9	Store and Retrieve	1.60	0.00	1.04	0.00	0.32	0.24	0.32	0.24	0.24	0.24
WY-032	10	Monitor/Compliance	0.44	0.02	0.09	0.29	0.04	0.00	0.04	0.00	0.00	0.00
WY-032	11	Reformat	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
WY-032	12	Distribute	0.09	0.00	0.01	0.00	0.02	0.06	0.02	0.06	0.06	0.06
WY-032	13	Draft	0.18	0.10	0.02	0.00	0.06	0.00	0.06	0.00	0.00	0.00
**	Subtotal	**	5.13	0.57	1.69	1.35	1.14	0.36	1.14	0.36	0.36	0.36
** SUMMARY FOR OFFICE WY-033												
WY-033	1	Locate Resource	0.14	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WY-033	2	Map Resource	0.68	0.27	0.07	0.00	0.31	0.03	0.31	0.03	0.03	0.03
WY-033	3	Measure Resource	0.18	0.00	0.02	0.14	0.02	0.00	0.02	0.00	0.00	0.00
WY-033	4	Identify Conflicts/High Interest	0.06	0.00	0.01	0.04	0.01	0.00	0.01	0.00	0.00	0.00
WY-033	5	Map Conflicts	0.15	0.00	0.02	0.00	0.12	0.01	0.12	0.01	0.01	0.01
WY-033	6	Measure the Conflicts	0.22	0.00	0.03	0.17	0.02	0.00	0.02	0.00	0.00	0.00
WY-033	7	Identify Locations/Alternatives	0.27	0.00	0.03	0.19	0.05	0.00	0.05	0.00	0.00	0.00
WY-033	8	Maintain and Update	0.19	0.08	0.09	0.01	0.01	0.01	0.01	0.01	0.01	0.01
WY-033	9	Store and Retrieve	1.08	0.00	0.70	0.00	0.22	0.16	0.22	0.16	0.16	0.16

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND -
AUTOMATED CAPABILITIES

STATE: WYOMING

OFFICE FUNC. CODE	DESCRIPTION NO. OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
WY-033	10 Monitor/Compliance	0.20	0.01	0.04	0.13	0.02	0.00
WY-033	13 Draft	0.17	0.09	0.02	0.00	0.06	0.00
##	Subtotal ##	3.34	0.45	1.17	0.68	0.84	0.21
## SUMMARY FOR OFFICE WY-040							
WY-040	1 Locate Resource	1.96	0.00	1.96	0.00	0.00	0.00
WY-040	2 Map Resource	1.77	0.71	0.18	0.00	0.80	0.09
WY-040	3 Measure Resource	1.72	0.00	0.17	1.38	0.17	0.00
WY-040	4 Identify Conflicts/High Interest	1.12	0.00	0.17	0.78	0.17	0.00
WY-040	5 Map Conflicts	0.36	0.00	0.05	0.00	0.29	0.02
WY-040	6 Measure the Conflicts	0.39	0.00	0.06	0.29	0.04	0.00
WY-040	7 Identify Locations/Alternatives	0.87	0.00	0.09	0.61	0.17	0.00
WY-040	8 Maintain and Update	0.64	0.26	0.29	0.03	0.03	0.03
WY-040	9 Store and Retrieve	5.47	0.00	3.56	0.00	1.09	0.82
WY-040	10 Monitor/Compliance	2.54	0.13	0.51	1.65	0.25	0.00
WY-040	11 Reformat	0.54	0.05	0.19	0.19	0.08	0.03
WY-040	12 Distribute	0.51	0.00	0.05	0.00	0.10	0.36
WY-040	13 Draft	0.32	0.18	0.03	0.00	0.11	0.00
##	Subtotal ##	18.21	1.33	7.31	4.93	3.30	1.35
## SUMMARY FOR OFFICE WY-041							
WY-041	1 Locate Resource	0.11	0.00	0.11	0.00	0.00	0.00

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: WYOMING

OFFICE CODE	FUNC. NO. OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
WY-041	2 Map Resource	0.42	0.17	0.04	0.00	0.19	0.02			
WY-041	3 Measure Resource	0.09	0.00	0.01	0.07	0.01	0.00			
WY-041	4 Identify Conflicts/High Interest	0.05	0.00	0.01	0.03	0.01	0.00			
WY-041	5 Map Conflicts	0.02	0.00	0.00	0.00	0.02	0.00			
WY-041	6 Measure the Conflicts	0.31	0.00	0.05	0.23	0.03	0.00			
WY-041	7 Identify Locations/Alternatives	0.17	0.00	0.02	0.12	0.03	0.00			
WY-041	8 Maintain and Update	0.13	0.05	0.06	0.01	0.01	0.01			
WY-041	9 Store and Retrieve	1.08	0.00	0.70	0.00	0.22	0.16			
WY-041	11 Reformat	0.10	0.01	0.03	0.03	0.01	0.01			
WY-041	13 Draft	0.12	0.07	0.01	0.00	0.04	0.00			
##	Subtotal ##	2.60	0.30	1.04	0.49	0.57	0.20			
## SUMMARY FOR OFFICE WY-042										
WY-042	1 Locate Resource	0.22	0.00	0.22	0.00	0.00	0.00			
WY-042	2 Map Resource	0.74	0.30	0.07	0.00	0.33	0.04			
WY-042	3 Measure Resource	0.32	0.00	0.03	0.26	0.03	0.00			
WY-042	4 Identify Conflicts/High Interest	0.20	0.00	0.03	0.14	0.03	0.00			
WY-042	5 Map Conflicts	0.24	0.00	0.04	0.00	0.19	0.01			
WY-042	6 Measure the Conflicts	0.27	0.00	0.04	0.20	0.03	0.00			
WY-042	7 Identify Locations/Alternatives	0.25	0.00	0.03	0.17	0.05	0.00			
WY-042	8 Maintain and Update	0.23	0.09	0.10	0.01	0.01	0.01			
WY-042	9 Store and Retrieve	1.46	0.00	0.95	0.00	0.29	0.22			
WY-042	10 Monitor/Compliance	0.18	0.01	0.04	0.12	0.02	0.00			

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SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: WYOMING

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL W/Y PER FUNCT.	DATA ENTRY CAPABILITY IN W/Y	DATA MANIPULATION CAPABILITY IN W/Y	DATA ANALYSIS CAPABILITY IN W/Y	DATA OUTPUT CAPABILITY IN W/Y	DATA TRANSFER CAPABILITY IN W/Y
WY-042	11 Reformat	0.06	0.01	0.02	0.02	0.01	0.00
WY-042	12 Distribute	0.09	0.00	0.01	0.00	0.02	0.06
WY-042	13 Draft	0.04	0.02	0.00	0.00	0.01	0.00
##	Subtotal ##	4.30	0.43	1.58	0.92	1.02	0.34
## SUMMARY FOR OFFICE WY-045							
WY-045	1 Locate Resource	0.13	0.00	0.13	0.00	0.00	0.00
WY-045	2 Map Resource	0.70	0.28	0.07	0.00	0.32	0.03
WY-045	3 Measure Resource	0.24	0.00	0.02	0.19	0.02	0.00
WY-045	4 Identify Conflicts/High Interest	0.22	0.00	0.03	0.15	0.03	0.00
WY-045	6 Measure the Conflicts	0.75	0.00	0.11	0.56	0.08	0.00
WY-045	7 Identify Locations/Alternatives	0.76	0.00	0.08	0.53	0.15	0.00
WY-045	8 Maintain and Update	0.38	0.15	0.17	0.02	0.02	0.02
WY-045	9 Store and Retrieve	3.25	0.00	2.11	0.00	0.65	0.49
WY-045	10 Monitor/Compliance	0.41	0.02	0.08	0.27	0.04	0.00
WY-045	12 Distribute	0.05	0.00	0.01	0.00	0.01	0.03
WY-045	13 Draft	0.15	0.08	0.01	0.00	0.05	0.00
##	Subtotal ##	7.04	0.53	2.82	1.72	1.37	0.57
## SUMMARY FOR OFFICE WY-060							
WY-060	1 Locate Resource	0.53	0.00	0.53	0.00	0.00	0.00
WY-060	2 Map Resource	5.76	2.30	0.58	0.00	2.59	0.29

STATE: WYOMING

OFFICE FUNC. DESCRIPTION		TOTAL W/Y PER FUNC.	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION		IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	CAPABILITY	IN W/Y	
WY-060	3 Measure Resource	1.74	0.00		0.17		1.39		0.17		0.00	
WY-060	4 Identify Conflicts/High Interest	0.46	0.00		0.07		0.32		0.07		0.00	
WY-060	5 Map Conflicts	0.18	0.00		0.03		0.00		0.14		0.01	
WY-060	6 Measure the Conflicts	0.71	0.00		0.11		0.53		0.07		0.00	
WY-060	7 Identify Locations/Alternatives	2.02	0.00		0.20		1.41		0.40		0.00	
WY-060	8 Maintain and Update	0.74	0.30		0.33		0.04		0.04		0.04	
WY-060	9 Store and Retrieve	8.23	0.00		5.35		0.00		1.65		1.23	
WY-060	10 Monitor/Compliance	3.29	0.16		0.66		2.14		0.33		0.00	
WY-060	11 Reformat	0.26	0.03		0.09		0.09		0.04		0.01	
WY-060	12 Distribute	0.71	0.00		0.07		0.00		0.14		0.50	
WY-060	13 Draft	0.50	0.28		0.05		0.00		0.17		0.00	
** Subtotal **		25.13	3.07		8.24		5.92		5.81		2.08	
** SUMMARY FOR OFFICE WY-061												
WY-061	1 Locate Resource	0.17	0.00		0.17		0.00		0.00		0.00	
WY-061	2 Map Resource	0.58	0.23		0.06		0.00		0.26		0.03	
WY-061	3 Measure Resource	0.28	0.00		0.03		0.22		0.03		0.00	
WY-061	4 Identify Conflicts/High Interest	0.18	0.00		0.03		0.13		0.03		0.00	
WY-061	5 Map Conflicts	0.09	0.00		0.01		0.00		0.07		0.00	
WY-061	6 Measure the Conflicts	0.41	0.00		0.06		0.31		0.04		0.00	
WY-061	7 Identify Locations/Alternatives	0.37	0.00		0.04		0.26		0.07		0.00	
WY-061	8 Maintain and Update	0.11	0.04		0.05		0.01		0.01		0.01	
WY-061	9 Store and Retrieve	1.74	0.00		1.13		0.00		0.35		0.26	

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: WYOMING

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y	PER	W/Y	IN	W/Y	W/Y	IN	W/Y
			FUNCT.			IN		IN		
WY-061	10	Monitor/Compliance	0.56	0.03	0.11	0.36	0.06	0.00		
WY-061	11	Reformat	0.06	0.01	0.02	0.02	0.01	0.00		
WY-061	12	Distribute	0.10	0.00	0.01	0.00	0.02	0.07		
WY-061	13	Draft	0.16	0.09	0.02	0.00	0.06	0.00		
##	Subtotal	##	4.81	0.40	1.74	1.31	1.01	0.37		
## SUMMARY FOR OFFICE WY-062										
WY-062	1	Locate Resource	0.25	0.00	0.25	0.00	0.00	0.00		
WY-062	2	Map Resource	0.80	0.32	0.08	0.00	0.36	0.04		
WY-062	3	Measure Resource	0.45	0.00	0.05	0.36	0.05	0.00		
WY-062	4	Identify Conflicts/High Interest	0.64	0.00	0.10	0.45	0.10	0.00		
WY-062	5	Map Conflicts	0.18	0.00	0.03	0.00	0.14	0.01		
WY-062	6	Measure the Conflicts	0.43	0.00	0.06	0.32	0.04	0.00		
WY-062	7	Identify Locations/Alternatives	0.32	0.00	0.03	0.22	0.06	0.00		
WY-062	8	Maintain and Update	0.33	0.13	0.15	0.02	0.02	0.02		
WY-062	9	Store and Retrieve	2.00	0.00	1.30	0.00	0.40	0.30		
WY-062	10	Monitor/Compliance	0.70	0.03	0.14	0.45	0.07	0.00		
WY-062	12	Distribute	0.09	0.00	0.01	0.00	0.02	0.06		
WY-062	13	Draft	0.16	0.09	0.02	0.00	0.06	0.00		
##	Subtotal	##	6.35	0.57	2.22	1.82	1.32	0.43		

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: WYOMING

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		
CODE	NO. OF FUNCTION	W/Y PER FUNC.	CAPABILITY IN W/Y	CAPABILITY IN W/Y	CAPABILITY IN W/Y

** SUMMARY FOR OFFICE WY-063					
WY-063	1 Locate Resource	0.16	0.00	0.16	0.00
WY-063	2 Map Resource	0.46	0.18	0.05	0.21
WY-063	3 Measure Resource	0.31	0.00	0.03	0.03
WY-063	4 Identify Conflicts/High Interest	0.22	0.00	0.03	0.03
WY-063	5 Map Conflicts	0.09	0.00	0.01	0.07
WY-063	6 Measure the Conflicts	0.29	0.00	0.04	0.03
WY-063	7 Identify Locations/Alternatives	0.41	0.00	0.04	0.08
WY-063	8 Maintain and Update	0.07	0.03	0.03	0.00
WY-063	9 Store and Retrieve	1.40	0.00	0.91	0.28
WY-063	10 Monitor/Compliance	0.33	0.02	0.07	0.03
WY-063	12 Distribute	0.02	0.00	0.00	0.00
WY-063	13 Draft	0.08	0.04	0.01	0.03
** Subtotal **		3.84	0.27	1.38	0.79

** SUMMARY FOR OFFICE WY-900					
WY-900	1 Locate Resource	1.63	0.00	1.63	0.00
WY-900	2 Map Resource	6.22	2.49	0.62	2.80
WY-900	3 Measure Resource	0.20	0.00	0.02	0.02
WY-900	4 Identify Conflicts/High Interest	3.42	0.00	0.51	0.51
WY-900	5 Map Conflicts	0.11	0.00	0.02	0.09
WY-900	6 Measure the Conflicts	3.64	0.00	0.55	0.36
WY-900	7 Identify Locations/Alternatives	0.24	0.00	0.02	0.05

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

STATE: WYOMING

OFFICE CODE	FUNC. NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
			W/Y	PER	W/Y	IN	W/Y	W/Y	IN	W/Y
			FUNCT.	IN	W/Y	IN	W/Y	IN	W/Y	IN
WY-900	8	Maintain and Update	1.17	0.47	0.53	0.06	0.06	0.06	0.06	0.06
WY-900	9	Store and Retrieve	10.76	0.00	6.99	0.00	2.15	1.61	1.61	1.61
WY-900	10	Monitor/Compliance	10.70	0.54	2.14	6.96	1.07	0.00	0.00	0.00
WY-900	11	Reformat	0.60	0.06	0.21	0.21	0.09	0.03	0.03	0.03
WY-900	12	Distribute	1.46	0.00	0.15	0.00	0.29	1.02	1.02	1.02
WY-900	13	Draft	0.77	0.42	0.08	0.00	0.27	0.00	0.00	0.00
WY-900	14		2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
** Subtotal **			43.47	3.98	13.47	12.68	7.76	3.04	3.04	3.04
*** Total ***			174.26	15.89	61.92	46.26	34.66	12.95	12.95	12.95

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

DENVER SERVICE CENTER

OFFICE FUNC. DESCRIPTION		TOTAL	DATA ENTRY		DATA MANIPULATION		DATA ANALYSIS		DATA OUTPUT		DATA TRANSFER	
CODE	NO. OF FUNCTION	W/Y PER FUNCT.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
*** SUMMARY FOR OFFICE YA-431												
YA-431	1 Locate Resource	0.91	0.00		0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YA-431	2 Map Resource	0.76	0.30		0.08	0.00	0.00	0.34	0.04	0.04	0.04	0.04
YA-431	6 Measure the Conflicts	0.95	0.00		0.14	0.00	0.71	0.10	0.10	0.00	0.00	0.00
YA-431	8 Maintain and Update	0.43	0.17		0.19	0.02	0.02	0.02	0.02	0.02	0.02	0.02
YA-431	9 Store and Retrieve	0.62	0.00		0.40	0.00	0.00	0.12	0.09	0.09	0.09	0.09
YA-431	11 Reformat	0.30	0.03		0.10	0.10	0.10	0.04	0.04	0.04	0.04	0.04
YA-431	12 Distribute	0.51	0.00		0.05	0.00	0.00	0.10	0.36	0.10	0.36	0.36
YA-431	13 Draft	1.38	0.76		0.14	0.00	0.00	0.48	0.00	0.48	0.00	0.00
** Subtotal **		5.86	1.26		2.01	0.83		1.20		1.20	0.52	0.52
*** SUMMARY FOR OFFICE YA-434												
YA-434	1 Locate Resource	2.20	0.00		2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YA-434	2 Map Resource	6.44	2.58		0.64	0.00	0.00	2.90	0.32	2.90	0.32	0.32
YA-434	3 Measure Resource	0.04	0.00		0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
YA-434	5 Map Conflicts	0.20	0.00		0.03	0.00	0.00	0.16	0.01	0.16	0.01	0.01
YA-434	8 Maintain and Update	1.16	0.46		0.52	0.06	0.06	0.06	0.06	0.06	0.06	0.06
** Subtotal **		10.04	3.04		3.39	0.09		3.12		3.12	0.39	0.39
*** SUMMARY FOR OFFICE YA-436												
YA-436	1 Locate Resource	0.61	0.00		0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YA-436	2 Map Resource	3.88	1.55		0.39	0.00	0.00	1.75	0.19	1.75	0.19	0.19

SPREADSHEET A-2: FUNCTIONS SUMMARY AND
AUTOMATED CAPABILITIES

DENVER SERVICE CENTER

OFFICE FUNC. CODE NO.	DESCRIPTION OF FUNCTION	TOTAL DATA ENTRY DATA MANIPULATION DATA ANALYSIS DATA OUTPUT DATA TRANSFER		CAPABILITY		CAPABILITY		CAPABILITY	
		W/Y PER FUNC.	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y	IN W/Y
YA-436	3 Measure Resource	0.16	0.00	0.02	0.13	0.02	0.00	0.00	0.00
YA-436	9 Store and Retrieve	0.12	0.00	0.08	0.00	0.02	0.02	0.02	0.02
YA-436	11 Reformat	0.12	0.01	0.04	0.04	0.02	0.01	0.01	0.01
YA-436	12 Distribute	0.20	0.00	0.02	0.00	0.04	0.14	0.14	0.14
** Subtotal **		5.09	1.56	1.16	0.17	1.65	0.36	0.36	0.36
** SUMMARY FOR OFFICE YA-473									
YA-473	1 Locate Resource	0.36	0.00	0.36	0.00	0.00	0.00	0.00	0.00
YA-473	2 Map Resource	0.59	0.24	0.06	0.00	0.27	0.03	0.03	0.03
YA-473	3 Measure Resource	0.56	0.00	0.06	0.45	0.06	0.06	0.06	0.06
YA-473	8 Maintain and Update	0.16	0.06	0.07	0.01	0.01	0.01	0.01	0.01
YA-473	9 Store and Retrieve	0.16	0.00	0.10	0.00	0.03	0.02	0.02	0.02
YA-473	11 Reformat	0.03	0.00	0.01	0.01	0.00	0.00	0.00	0.00
YA-473	12 Distribute	0.08	0.00	0.01	0.00	0.02	0.06	0.06	0.06
** Subtotal **		1.94	0.30	0.67	0.47	0.39	0.12	0.12	0.12
*** Total ***		22.93	6.16	7.23	1.56	6.56	1.39	1.39	1.39

[Note: The estimates of potentially automatable work years for D-434 and D-473 do not include contract support. Contract support would increase these estimates by a factor of 1 to 3 additional work years.]

Appendix C
Benefits

APPENDIX C

This Appendix describes the readily quantifiable benefits described in the first part of Chapter IV. The less quantifiable benefits have not been included. They have been extrapolated out to FY 1996 and converted to dollars.

Spreadsheet C

Column 1 - Office Code. This corresponds to descriptions in Table V-1, Chapter V.

Column 2 - Automated Capability Code. These codes correspond to the automated capabilities described in Chapter II and to the totals derived in Spreadsheet A-2, columns 5 through 9.

Column 3 - FY 85 Work Years Automated Capabilities for Office. These numbers are the totals for each automated capability as calculated in Spreadsheet A-2, columns 5 through 9.

Column 4 - Percent Time Saved for Automated Capabilities. This column repeats the total time savings benefit for the readily quantifiable benefits as estimated in the first part of Chapter IV. For Data Entry (DE) capabilities, numbers 40 through 60 percent represent FY 1996 benefits based on initial data entry costs calculated in FY 85. These FY 1985 data entry costs are shown for each office in Table V-1, Chapter V. The 40 to 60 percent only applies to FY 1996, thereby leaving columns 5 through 8 at zero (0) for FY 1985 for data entry since they are a net cost initially.

Columns 5 and 6 - Low and High FY 85 Work Years Saved for Automated Capabilities. These columns reflect the product of multiplying column 3 by the range in column 4. These are total workyears potentially saved through automation of the resource functions in FY 1985.

Columns 7 and 8 - Low and High FY 85 Dollars Saved by Automated Capabilities. These columns are the product of multiplying columns 5 and 6 by a constant loaded work-year cost of \$32,000. This figure was used in the ALMRS Feasibility Study and, for consistency sake, is carried over here as a constant work year cost for both FY 1985 and FY 1996.

Column 9 - Trend Factor for Office. A constant trend factor of 1.41 taken from the ALMRS Feasibility Study was used except for Alaska, where 3.5 was used.

Column 10 - FY 96 Work Years Automated Capability for Office. This number represents the product of the FY 1985 work years by automated capability for each office (column 3) multiplied by the trend factors in column 9.

Columns 11 and 12 - Low and High FY 96 Work Years Saved for Automated Capabilities. These columns represent the product of the percentage of time saved (shown in column 4), multiplied by the projected FY 1996 work years shown in column 10. The range represents the range of multipliers shown in column 4. This is the FY 1996 equivalent to columns 5 and 6.

Columns 13 and 14 - Low and High FY 96 Dollars Saved by Automated Capabilities. These columns are the product of multiplying columns 11 and 12 by the constant loaded work year cost of \$32,000. This is the FY 1996 equivalent to columns 7 and 8.

SPREADSHEET C: BENEFITS

STATE: ALASKA

OFFICE AUTO	FY85 W/Y	* TIME	LOW FY85 W/Y	HIGH FY85 W/Y	LOW FY85 W/Y	HIGH FY85 W/Y	LOW FY85 W/Y	HIGH FY85 W/Y	LOW FY85 W/Y	HIGH FY85 W/Y	LOW FY85 W/Y	HIGH FY85 W/Y
CODE	CAPABILITY	AUTO. CAP.	SAVED FOR	SAVED FOR	SAVED FOR	SAVED FOR	SAVED FOR	SAVED FOR	SAVED FOR	SAVED FOR	SAVED BY	SAVED BY
			FOR OFFICE	AUTO. CAP.	AUTO. CAP.	AUTO. CAP.	OFFICE	FOR OFFICE	AUTO. CAP.	AUTO. CAP.	AUTO. CAP.	AUTO. CAP.

** SUMMARY FOR OFFICE: AK-010

AK-010 DE	0.30	40-60X	0.00	0.00	0.00	0.00	0	2.50	0.75	0.30	0.45	9600	14400
AK-010 DM	5.94	70-90X	4.16	5.35	133120	171200	171200	2.50	14.85	10.39	13.37	332400	427840
AK-010 DA	6.25	70-90X	4.38	5.62	140160	179840	179840	2.50	15.62	10.94	14.06	350000	449920
AK-010 DO	1.95	60-80X	1.17	1.56	37440	49920	49920	2.50	4.88	2.92	3.90	93440	124800
AK-010 DI	0.44	60-70X	0.26	0.31	8320	9920	9920	2.50	1.10	0.66	0.77	21120	24640
** Subtotal **	14.88		9.97	12.84	319040	410880		37.20		25.21	32.55	806720	1041600

** SUMMARY FOR OFFICE: AK-016

AK-016 DE	0.03	40-60X	0.00	0.00	0	0	0	2.50	0.07	0.03	0.04	560	1280
AK-016 DM	0.22	70-90X	0.15	0.20	4800	6400	6400	2.50	0.55	0.39	0.50	12480	16000
AK-016 DA	0.15	70-90X	0.10	0.14	3200	4480	4480	2.50	0.38	0.26	0.34	8320	10880
AK-016 DO	0.11	60-80X	0.07	0.09	2240	2880	2880	2.50	0.28	0.17	0.22	5440	7040
AK-016 DI	0.04	60-70X	0.02	0.03	640	960	960	2.50	0.10	0.06	0.07	1920	2240
** Subtotal **	0.55		0.34	0.46	10880	14720		1.38		0.91	1.17	29120	37440

** SUMMARY FOR OFFICE: AK-017

AK-017 DE	0.08	40-60X	0.00	0.00	0	0	0	2.50	0.20	0.08	0.12	2560	3640
AK-017 DM	0.42	70-90X	0.29	0.38	9280	12160	12160	2.50	1.05	0.73	0.95	23360	30400
AK-017 DA	0.37	70-90X	0.26	0.33	8320	10560	10560	2.50	0.93	0.65	0.83	20800	26560
AK-017 DO	0.18	60-80X	0.11	0.14	3520	4480	4480	2.50	0.45	0.27	0.36	8640	11520
AK-017 DI	0.06	60-70X	0.04	0.04	1280	1280	1280	2.50	0.15	0.09	0.10	2880	3200

SPREADSHEET C: BENEFITS

STATE: ALASKA

OFFICE AUTO CODE	FY85 W/Y * TIME	LOW FY85 W/Y CAP. SAVED FOR	HIGH FY85 W/Y CAP. SAVED FOR	LOW FY85 \$ HIGH FY85 \$ TREND FACTOR FOR AUTO. CAP.	FY86 W/Y CAP. SAVED FOR	LOW FY86 W/Y CAP. SAVED FOR	HIGH FY86 W/Y CAP. SAVED BY	LOW FY86 \$ HIGH FY86 \$ CAP. AUTO. CAP.

** Subtotal **

1.11	0.70	0.69	22400	26460	2.78	1.82	2.36	58240 75520
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** SUMMARY FOR OFFICE: AK-018

AK-018 DE	0.21 40-60X	0.00	0	0	2.50	0.53	0.21	0.32	6720	10240
AK-018 DM	0.82 70-90X	0.57	18240	23680	2.50	2.05	1.43	1.84	45760	58880
AK-018 DA	0.20 70-90X	0.14	4480	5760	2.50	0.50	0.35	0.45	11200	14400
AK-018 DO	0.37 60-80X	0.22	7040	9600	2.50	0.93	0.56	0.74	17920	23680
AK-018 DI	0.10 60-70X	0.06	1920	2240	2.50	0.25	0.15	0.17	4800	5440

** Subtotal **

1.70	0.99	1.29	31680	41280	4.25	2.70	3.52	86400	112640
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** SUMMARY FOR OFFICE: AK-020

AK-020 DE	0.65 40-60X	0.00	0	0	2.50	1.62	0.65	0.97	20800	31040
AK-020 DM	0.97 70-90X	0.68	21760	27840	2.50	2.42	1.70	2.18	54400	69760
AK-020 DA	0.73 70-90X	0.51	16320	21120	2.50	1.82	1.28	1.64	40960	52480
AK-020 DO	1.09 60-80X	0.65	20800	27840	2.50	2.73	1.64	2.18	52480	69760
AK-020 DI	0.37 60-70X	0.22	7040	8320	2.50	0.93	0.56	0.65	17920	20800

** Subtotal **

3.81	2.06	2.66	65920	85120	9.53	5.83	7.62	186560	243840
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** SUMMARY FOR OFFICE: AK-026

AK-026 DE	0.07 40-60X	0.00	0	0	2.50	0.18	0.07	0.11	2240	3520
AK-026 DM	0.38 70-90X	0.27	8640	10880	2.50	0.95	0.67	0.86	21440	27520
AK-026 DA	0.58 70-90X	0.41	13120	16640	2.50	1.45	1.01	1.30	32320	41600

10/26/86

SPREADSHEET C: BENEFITS

STATE: ALASKA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	X TIME	LOW FY85 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	LOW FY85 \$ TREND SAVED BY AUTO. CAP.	FY86 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	LOW FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.
AK-026 DO	0.22	60-80%	0.13	0.16	4160	5760	2.50	0.33	0.44	10560
AK-026 DI	0.08	60-70%	0.05	0.06	1600	1920	2.50	0.12	0.14	3840
** Subtotal **	1.33		0.86	1.10	27520	35200		2.20	2.85	70400
** SUMMARY FOR OFFICE: AK-028										
AK-026 DE	0.25	40-60%	0.00	0.00	0	0	2.50	0.25	0.38	6000
AK-028 DM	1.31	70-90%	0.92	1.18	29440	37760	2.50	2.29	2.95	73280
AK-026 DA	0.67	70-90%	0.47	0.60	15040	19200	2.50	1.17	1.51	37440
AK-028 DO	0.51	60-80%	0.31	0.41	9920	13120	2.50	0.77	1.02	24640
AK-026 DI	0.20	60-70%	0.12	0.14	3840	4480	2.50	0.30	0.35	9600
** Subtotal **	2.94		1.82	2.33	58240	74560		4.78	6.21	152960
** SUMMARY FOR OFFICE: AK-029										
AK-029 DE	0.16	40-60%	0.00	0.00	0	0	2.50	0.16	0.27	5760
AK-029 DM	0.37	70-90%	0.26	0.33	8320	10560	2.50	0.65	0.83	20800
AK-029 DA	0.32	70-90%	0.22	0.29	7040	9280	2.50	0.56	0.72	17920
AK-029 DO	0.27	60-80%	0.16	0.22	5120	7040	2.50	0.41	0.54	13120
AK-029 DI	0.07	60-70%	0.04	0.05	1280	1600	2.50	0.11	0.12	3520
** Subtotal **	1.21		0.68	0.89	21760	28480		1.91	2.48	61120
** SUMMARY FOR OFFICE: AK-300										
AK-300 DE	0.30	40-60%	0.00	0.00	0	0	2.50	0.30	0.45	9600

14400

SPREADSHEET C: BENEFITS

STATE: ALASKA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ SAVED BY OFFICE AUTO. CAP.	TREND FACTOR FOR OFFICE AUTO. CAP.	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ SAVED BY OFFICE AUTO. CAP.	HIGH FY86 \$ SAVED BY OFFICE AUTO. CAP.	
AK-300 DM	0.69	70-90%	0.46	0.62	15360	19840	2.50	1.72	1.21	1.55	38720	49600
AK-300 DA	0.78	70-90%	0.55	0.70	17600	22400	2.50	1.95	1.36	1.76	43520	56320
AK-300 DO	0.50	60-80%	0.30	0.40	9600	12800	2.50	1.25	0.75	1.00	24000	32000
AK-300 DI	0.12	60-70%	0.07	0.08	2240	2560	2.50	0.30	0.18	0.21	5760	6720
** Subtotal **	2.35		1.40	1.80	44800	57600		5.96	3.60	4.97	121600	159040
** SUMMARY FOR OFFICE: AK-900												
AK-900 DE	5.16	40-60%	0.00	0.00	0	0	2.50	12.95	5.16	7.77	165760	246640
AK-900 DM	14.94	70-90%	10.46	13.45	334720	430400	2.50	37.35	26.14	33.62	836480	1075840
AK-900 DA	25.76	70-90%	18.03	23.18	576960	741760	2.50	64.40	45.08	57.96	1442560	1854720
AK-900 DO	10.21	60-80%	6.13	8.17	196160	261440	2.50	25.53	15.32	20.42	490240	633440
AK-900 DI	2.17	60-70%	1.30	1.52	41600	48640	2.50	5.42	3.25	3.80	104000	121600
** Subtotal **	58.26		35.92	46.32	1149440	1482240		145.65	94.97	123.57	3035040	3954240
*** Total ***	88.18		54.74	70.58	1751680	2256560		220.45	144.13	187.30	4612160	5993600

SPREADSHEET C: BENEFITS

STATE: ARIZONA

OFFICE AUTO CODE	FY85 W/Y CAP. FOR OFFICE	W/Y CAP. FOR OFFICE	TIME CAP. FOR OFFICE	LOW FY85 W/Y CAP. FOR OFFICE	HIGH FY85 W/Y CAP. FOR OFFICE	W/Y CAP. FOR OFFICE	LOW FY85 W/Y CAP. FOR OFFICE	HIGH FY85 W/Y CAP. FOR OFFICE	W/Y CAP. FOR OFFICE	LOW FY86 W/Y CAP. FOR OFFICE	HIGH FY86 W/Y CAP. FOR OFFICE	W/Y CAP. FOR OFFICE	LOW FY86 W/Y CAP. FOR OFFICE	HIGH FY86 W/Y CAP. FOR OFFICE
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** SUMMARY FOR OFFICE: AZ-010

AZ-010 DE	0.79	40-60X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AZ-010 DM	4.09	70-90X	2.86	3.68	91520	117760	0	1.41	1.11	0.45	0.67	14400	21440	166000
AZ-010 DA	0.50	70-90X	0.63	0.61	20160	25920	0	1.41	1.27	0.69	1.14	26400	36400	73600
AZ-010 DO	2.04	60-80X	1.22	1.63	39040	52160	0	1.41	2.88	1.73	2.30	55360	73600	31040
AZ-010 DI	0.98	60-70X	0.59	0.69	16680	22080	0	1.41	1.36	0.83	0.97	26560	31040	326640
** Subtotal **	8.80		5.30	6.81	169600	217920	0	12.41	7.94	10.27	10.27	254080	326640	

** SUMMARY FOR OFFICE: AZ-014

AZ-014 DE	0.53	40-60X	0.00	0.00	0	0	0	1.41	0.75	0.30	0.45	9600	14400	65320
AZ-014 DM	1.62	70-90X	1.13	1.46	36160	46720	0	1.41	2.28	1.60	2.06	51200	65320	60800
AZ-014 DA	1.50	70-90X	1.05	1.35	33600	43200	0	1.41	2.11	1.46	1.90	47360	60800	39040
AZ-014 DO	1.08	60-80X	0.65	0.86	20800	27520	0	1.41	1.52	0.91	1.22	29120	39040	10560
AZ-014 DI	0.33	60-70X	0.20	0.23	6400	7360	0	1.41	0.47	0.26	0.33	6560	10560	190720
** Subtotal **	5.06		3.03	3.90	96960	124600	0	7.13	4.57	5.96	5.96	146240	190720	

** SUMMARY FOR OFFICE: AZ-015

AZ-015 DE	0.46	40-60X	0.00	0.00	0	0	0	1.41	0.65	0.26	0.39	8320	12480	64960
AZ-015 DM	1.60	70-90X	1.12	1.44	35840	46080	0	1.41	2.26	1.58	2.03	50560	64960	56320
AZ-015 DA	1.39	70-90X	0.97	1.25	31040	40000	0	1.41	1.96	1.37	1.76	43840	56320	36160
AZ-015 DO	1.00	60-80X	0.60	0.80	19200	25600	0	1.41	1.41	0.85	1.13	27200	36160	9260
AZ-015 DI	0.29	60-70X	0.17	0.20	5440	6400	0	1.41	0.41	0.25	0.29	6000	9260	

SPREADSHEET C: BENEFITS

STATE: ARIZONA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED BY OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED BY OFFICE AUTO. CAP.
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** Subtotal **

4.74	2.86	3.69	91520	118060	6.66	4.31	5.60	137920
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** SUMMARY FOR OFFICE: AZ-020

AZ-020 DE	0.49 40-60%	0.00	0	0	1.41	0.69	0.26	0.41	8960	13120
AZ-020 DM	2.40 70-90%	1.68	2.16	53760	69120	3.38	2.37	3.05	75840	97600
AZ-020 DA	2.65 70-90%	1.99	2.56	63600	81920	4.02	2.81	3.62	85920	115640
AZ-020 DO	2.36 60-80%	1.42	1.89	45440	60480	3.33	2.00	2.66	64000	85120
AZ-020 DI	0.55 60-70%	0.33	0.39	10560	12480	0.76	0.47	0.54	15040	17280

** Subtotal **

6.65	5.42	7.00	173440	224000	12.20	7.93	10.28	253760
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** SUMMARY FOR OFFICE: AZ-025

AZ-025 DE	0.26 40-60%	0.00	0	0	1.41	0.37	0.15	0.22	4800	7040
AZ-025 DM	0.89 70-90%	0.62	0.80	19840	25600	1.25	0.88	1.13	28160	36160
AZ-025 DA	1.79 70-90%	1.25	1.61	40000	51520	2.52	1.77	2.27	56640	72640
AZ-025 DO	1.35 60-80%	0.81	1.00	25920	34560	1.90	1.14	1.52	36480	48640
AZ-025 DI	0.16 60-70%	0.10	0.11	3200	3520	0.23	0.14	0.16	4480	5120

** Subtotal **

4.45	2.76	3.60	88960	115200	6.27	4.08	5.30	130560
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** SUMMARY FOR OFFICE: AZ-026

AZ-026 DE	0.26 40-60%	0.00	0	0	1.41	0.37	0.15	0.22	4800	7040
AZ-026 DM	0.91 70-90%	0.64	0.82	20480	26240	1.28	0.90	1.15	28800	36800
AZ-026 DA	1.31 70-90%	0.92	1.18	29440	37760	1.85	1.29	1.66	41280	53120

SPREADSHEET C: BENEFITS

STATE: ARIZONA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR FOR OFFICE AUTO, CAP.	X TIME	LOW FY85 W/Y SAVED FOR AUTO, CAP.	HIGH FY85 W/Y SAVED FOR AUTO, CAP.	FY86 W/Y CAP. SAVED FOR FOR OFFICE AUTO, CAP.	LOW FY86 W/Y SAVED FOR AUTO, CAP.	HIGH FY86 W/Y SAVED FOR AUTO, CAP.	LOW FY86 \$ HIGH FY86 \$ SAVED BY AUTO, CAP.	HIGH FY86 \$ SAVED BY AUTO, CAP.
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AZ-026 D0	1.20 60-80%	0.72	0.96	23040	30720	1.41	1.69	1.02	1.35	32640	43200
AZ-026 D1	0.16 60-70%	0.10	0.11	3200	3520	1.41	0.23	0.14	0.16	4480	5120
** Subtotal **	3.84	2.38	3.07	76160	98240		5.41	3.50	4.54	112000	145280

** SUMMARY FOR OFFICE: AZ-027

AZ-027 DE	0.28 40-60%	0.00	0.00	0	0	1.41	0.39	0.16	0.24	5120	7680
AZ-027 DM	0.88 70-90%	0.62	0.79	19840	25280	1.41	1.24	0.87	1.12	27840	35840
AZ-027 DA	1.03 70-90%	0.72	0.93	23040	29760	1.41	1.45	1.02	1.31	32640	41920
AZ-027 D0	0.86 60-80%	0.52	0.69	16640	22080	1.41	1.21	0.73	0.97	23360	31040
AZ-027 D1	0.09 60-70%	0.05	0.06	1600	1920	1.41	0.13	0.08	0.09	2560	2880
** Subtotal **	3.14	1.91	2.47	61120	79040		4.43	2.86	3.73	91520	119360

** SUMMARY FOR OFFICE: AZ-040

AZ-040 DE	0.38 40-60%	0.00	0.00	0	0	1.41	0.54	0.21	0.32	6720	10240
AZ-040 DM	1.66 70-90%	1.16	1.49	37120	47680	1.41	2.34	1.64	2.11	52480	67520
AZ-040 DA	1.43 70-90%	1.00	1.29	32000	41280	1.41	2.02	1.41	1.61	45120	57920
AZ-040 D0	1.18 60-80%	0.71	0.94	22720	30080	1.41	1.66	1.00	1.33	32000	42560
AZ-040 D1	0.41 60-70%	0.25	0.29	6000	9280	1.41	0.58	0.35	0.40	11200	12800
** Subtotal **	5.06	3.12	4.01	99840	128320		7.13	4.61	5.97	147520	191040

** SUMMARY FOR OFFICE: AZ-044

AZ-044 DE	0.23 40-60%	0.00	0.00	0	0	1.41	0.32	0.13	0.19	4160	6080
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SPREADSHEET C: BENEFITS

STATE: ARIZONA

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. FOR OFFICE	* TIME CAP. AUTO. FOR OFFICE	LOW FY85 W/Y CAP. AUTO.	HIGH FY85 W/Y CAP. AUTO.	SAVED FOR CAP. AUTO.	LOW FY85 \$ TREND	FY86 W/Y CAP. AUTO. FOR OFFICE	LOW FY86 W/Y CAP. AUTO.	HIGH FY86 W/Y CAP. AUTO.	SAVED FOR CAP. AUTO.	LOW FY86 \$ TREND	HIGH FY86 \$ TREND	
AZ-044 DM	0.59	70-90%	0.41	0.53	0.12	13120	16960	1.41	0.83	0.58	0.75	18560	24000
AZ-044 DA	0.98	70-90%	0.69	0.88	0.20	22080	28160	1.41	1.38	0.97	1.24	31040	39680
AZ-044 DO	0.88	60-80%	0.53	0.70	0.16	16960	22400	1.41	1.24	0.74	0.99	23680	31680
AZ-044 DI	0.11	60-70%	0.07	0.08	0.04	2240	2560	1.41	0.16	0.09	0.11	2880	3520
** Subtotal **	2.79		1.70	2.19	0.54	54400	70080		3.93	2.51	3.28	80320	104960
** SUMMARY FOR OFFICE: AZ-045													
AZ-045 DE	0.27	40-60%	0.00	0.00	0	0	0	1.41	0.36	0.15	0.23	4800	7360
AZ-045 DM	0.60	70-90%	0.42	0.54	0.18	13440	17280	1.41	0.85	0.59	0.76	18880	24320
AZ-045 DA	0.93	70-90%	0.65	0.84	0.28	20800	26880	1.41	1.31	0.92	1.18	29440	37760
AZ-045 DO	0.74	60-80%	0.44	0.59	0.15	14080	18880	1.41	1.04	0.63	0.83	20160	26560
AZ-045 DI	0.07	60-70%	0.04	0.05	0.03	1280	1600	1.41	0.10	0.06	0.07	1920	2240
** Subtotal **	2.61		1.55	2.02	0.64	49600	64640		3.68	2.35	3.07	75200	98240
** SUMMARY FOR OFFICE: AZ-050													
AZ-050 DE	0.29	40-60%	0.00	0.00	0	0	0	1.41	0.41	0.16	0.25	5120	8000
AZ-050 DM	1.02	70-90%	0.71	0.92	0.31	22720	29440	1.41	1.44	1.01	1.29	32320	41280
AZ-050 DA	1.70	70-90%	1.19	1.53	0.51	38080	46960	1.41	2.40	1.68	2.16	53760	69120
AZ-050 DO	1.12	60-80%	0.67	0.90	0.23	21440	28800	1.41	1.58	0.95	1.26	30400	40320
AZ-050 DI	0.22	60-70%	0.13	0.15	0.02	4160	4800	1.41	0.31	0.19	0.22	6080	7040
** Subtotal **	4.35		2.70	3.50	0.86	86400	112000		6.13	3.99	5.18	127680	165760

SPREADSHEET C: BENEFITS

STATE: ARIZONA

[illegible]

SUMMARY FOR OFFICE: AZ-054

	0.18	40-60%	0.00	0.00	0.00	0	0	1.41	0.25	0.10	0.15	3200	4600
AZ-054 DE	0.46	70-90%	0.32	0.41	10240	13120	1.41	0.65	0.45	0.50	0.50	14400	18560
AZ-054 DM	0.80	70-90%	0.56	0.72	17920	23040	1.41	1.13	0.79	1.02	1.02	25280	32640
AZ-054 DA	0.64	60-80%	0.38	0.51	12160	16320	1.41	0.90	0.54	0.72	0.72	17280	23040
AZ-054 DU	0.07	60-70%	0.04	0.05	1280	1600	1.41	0.10	0.06	0.07	0.07	1920	2240
* Subtotal **	2.15		1.30	1.69	41600	54080		3.03	1.94	2.54		62080	81280

**** SUMMARY FOR OFFICE: AZ-055**

	0.19	40-60%	0.00	0.00	0	1.41	0.27	0.11	0.16	3520	5120
AZ-055 DE	0.48	70-90%	0.34	0.43	10880	1.41	0.68	0.47	0.61	15040	19520
AZ-055 DM	0.71	70-90%	0.50	0.64	16000	1.41	1.00	0.70	0.90	22400	28600
AZ-055 DA	0.62	60-80%	0.37	0.50	11840	1.41	0.87	0.52	0.70	16540	22400
AZ-055 DO	0.08	60-70%	0.05	0.06	1600	1.41	0.11	0.07	0.08	2240	2560
* Subtotal **	2.08		1.26	1.63	40320	52160	2.93	1.87	2.45	59840	78400

**** SUMMARY FOR OFFICE: AZ-9000**

	0.25	40-60%	0.60	0.00	0	0	1.41	0.41	0.16	0.25	5120	6060
AZ-500 DE	0.25	40-60%	0.60	0.00	0	0	1.41	0.41	0.16	0.25	5120	6060
AZ-500 DM	3.79	70-90%	2.65	3.41	84800	109120	1.41	5.34	3.74	4.81	119680	153920
AZ-500 DA	4.53	70-90%	3.17	4.06	101440	136560	1.41	6.39	4.47	5.75	143040	184060
AZ-500 DO	1.62	60-80%	0.97	1.30	31040	41600	1.41	2.28	1.37	1.83	43840	58560
AZ-500 DI	0.58	60-70%	0.35	0.41	11200	13120	1.41	0.82	0.45	0.57	15680	18240

SPREADSHEET C: BENEFITS

STATE: CALIFORNIA

OFFICE AUTO CODE	FY85 W/Y CAP. FOR OFFICE AUTO.	FY85 W/Y CAP. FOR OFFICE AUTO.	LOW FY85 W/Y CAP. FOR OFFICE AUTO.	HIGH FY85 W/Y CAP. FOR OFFICE AUTO.	LOW FY85 W/Y CAP. FOR OFFICE AUTO.	HIGH FY85 W/Y CAP. FOR OFFICE AUTO.	FY86 W/Y CAP. FOR OFFICE AUTO.	LOW FY86 W/Y CAP. FOR OFFICE AUTO.	HIGH FY86 W/Y CAP. FOR OFFICE AUTO.	LOW FY86 W/Y CAP. FOR OFFICE AUTO.	HIGH FY86 W/Y CAP. FOR OFFICE AUTO.	LOW FY86 W/Y CAP. FOR OFFICE AUTO.	HIGH FY86 W/Y CAP. FOR OFFICE AUTO.
** SUMMARY FOR OFFICE: CA-010													
CA-010 DE	1.45 40-60%	0.00	0.00	0.00	0.00	0.00	1.41	2.04	0.62	1.23	26240	39360	
CA-010 DM	2.55 70-90%	1.78	2.29	56960	73280	1.41	3.60	2.52	3.24	80640	103680		
CA-010 DA	2.48 70-90%	1.74	2.23	55680	71360	1.41	3.50	2.45	3.15	78400	100600		
CA-010 DO	2.58 60-80%	1.55	2.06	49600	65920	1.41	3.64	2.18	2.91	69760	93120		
CA-010 DI	0.47 60-70%	0.26	0.33	6960	10560	1.41	0.66	0.40	0.46	12800	14720		
** Subtotal **	9.53	5.35	6.91	171200	221120		13.44	6.37	10.99	267840	351600		
** SUMMARY FOR OFFICE: CA-016													
CA-016 DE	0.26 40-60%	0.00	0.00	0	0	1.41	0.39	0.16	0.24	5120	7680		
CA-016 DM	0.84 70-90%	0.59	0.76	18880	24320	1.41	1.18	0.83	1.07	26560	34240		
CA-016 DA	0.91 70-90%	0.64	0.82	20480	26240	1.41	1.26	0.90	1.15	28800	36800		
CA-016 DO	1.04 60-80%	0.62	0.83	19840	26560	1.41	1.47	0.88	1.17	28160	37440		
CA-016 DI	0.15 60-70%	0.09	0.10	2680	3200	1.41	0.21	0.13	0.15	4160	4800		
** Subtotal **	3.22	1.94	2.51	62080	80320		4.54	2.90	3.76	92800	120960		
** SUMMARY FOR OFFICE: CA-017													
CA-017 DE	0.17 40-60%	0.00	0.00	0	0	1.41	0.24	0.10	0.14	3200	4480		
CA-017 DM	0.44 70-90%	0.31	0.40	9920	12800	1.41	0.62	0.43	0.56	13760	17920		
CA-017 DA	0.68 70-90%	0.48	0.61	15360	19520	1.41	0.96	0.67	0.86	21440	27520		
CA-017 DO	0.94 60-80%	0.56	0.75	17920	24000	1.41	1.33	0.80	1.06	25600	33920		
CA-017 DI	0.10 60-70%	0.06	0.07	1920	2240	1.41	0.14	0.06	0.10	2560	3200		

SPREADSHEET C: BENEFITS

STATE: CALIFORNIA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVD FOR FOR OFFICE AUTO. CAP.	* TIME CAP. SAVD FOR FOR OFFICE AUTO. CAP.	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ HIGH FY85 \$ TREND SAVED BY AUTO. CAP.	FY86 W/Y CAP. SAVD FOR FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y SAVED FOR AUTO. CAP.	LOW FY86 W/Y SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.
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** Subtotal **

	2.33	1.41	1.63	45120	56560	3.29	2.06	2.72	66560 87040
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** SUMMARY FOR OFFICE: CA-018

CA-018 DE	0.40 40-60X	0.00	0.00	0	0	1.41	0.23	0.34	7360 10880
CA-018 DM	0.79 70-90X	0.55	0.71	17600	22720	1.41	0.78	1.00	24960 32000
CA-018 DA	1.34 70-90X	0.94	1.21	30080	36720	1.41	1.32	1.70	42240 54400
CA-018 DO	1.27 60-80X	0.76	1.02	24320	32640	1.41	1.07	1.43	34240 45760
CA-018 DI	0.14 60-70X	0.06	0.10	2560	3200	1.41	0.12	0.14	3840 4480
** Subtotal **	3.94	2.33	3.04	74560	97280	5.56	3.52	4.61	112640 147520

** SUMMARY FOR OFFICE: CA-019

CA-019 DE	0.22 40-60X	0.00	0.00	0	0	1.41	0.12	0.19	3680 6080
CA-019 DM	0.38 70-90X	0.27	0.34	8640	10880	1.41	0.38	0.48	12160 15360
CA-019 DA	0.65 70-90X	0.45	0.59	14400	18880	1.41	0.64	0.82	20480 26240
CA-019 DO	0.89 60-80X	0.53	0.71	16960	22720	1.41	0.75	1.00	24000 32000
CA-019 DI	0.08 60-70X	0.05	0.06	1600	1920	1.41	0.07	0.08	2240 2560
** Subtotal **	2.22	1.30	1.70	41600	54400	3.13	1.96	2.57	62720 82240

** SUMMARY FOR OFFICE: CA-020

CA-020 DE	1.32 40-60X	0.00	0.00	0	0	1.41	0.74	1.12	23680 35840
CA-020 DM	3.92 70-90X	2.74	3.53	87680	112960	1.41	3.87	4.97	123840 159040
CA-020 DA	0.93 70-90X	0.65	0.84	20800	26880	1.41	0.92	1.16	29440 37760

10/26/86

SPREADSHEET C: BENEFITS

STATE: CALIFORNIA

OFFICE AUTO FY85 W/Y X TIME LOW FY85 W/Y HIGH FY85 \$ TREND FY86 W/Y LOW FY86 W/Y HIGH FY86 \$ HIGH FY86 \$
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CA-020 DU	2.29	60-80X	1.37	1.83	43840	58560	1.41	3.23	1.94	2.58	62080	62560
CA-020 DI	0.86	60-70X	0.52	0.60	16640	19200	1.41	1.21	0.73	0.85	23360	27200
** Subtotal **	9.32		5.28	6.80	168960	217600		13.14	6.20	10.70	262400	342400

** SUMMARY FOR OFFICE: CA-026

CA-026 DE	0.54	40-60X	0.00	0.00	0	0	1.41	0.76	0.30	0.46	9600	14720
CA-026 DM	2.54	70-90X	1.78	2.29	56960	73280	1.41	3.58	2.51	3.22	80320	103040
CA-026 DA	1.79	70-90X	1.25	1.61	40000	51520	1.41	2.52	1.77	2.27	56640	72640
CA-026 DO	1.42	60-80X	0.85	1.14	27200	36480	1.41	2.00	1.20	1.60	38400	51200
CA-026 DI	0.52	60-70X	0.31	0.36	9920	11520	1.41	0.73	0.44	0.51	14080	16320
** Subtotal **	6.81		4.15	5.40	134080	172800		9.60	6.22	8.06	199040	257920

** SUMMARY FOR OFFICE: CA-027

CA-027 DE	0.59	40-60X	0.00	0.00	0	0	1.41	0.83	0.33	0.50	10560	16000
CA-027 DM	2.09	70-90X	1.46	1.88	46720	60160	1.41	2.95	2.06	2.65	65920	84800
CA-027 DA	1.55	70-90X	1.06	1.40	34560	44800	1.41	2.19	1.53	1.97	48960	63040
CA-027 DO	1.11	60-80X	0.67	0.89	21440	28480	1.41	1.57	0.94	1.25	30080	40000
CA-027 DI	0.37	60-70X	0.22	0.26	7040	8320	1.41	0.52	0.31	0.37	9520	11840
** Subtotal **	5.71		3.43	4.43	109760	141760		8.05	5.17	6.74	165440	215680

** SUMMARY FOR OFFICE: CA-028

CA-028 DE	0.52	40-60X	0.00	0.00	0	0	1.41	0.73	0.29	0.44	9280	14080
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10/26/85

SPREADSHEET C: BENEFITS

STATE: CALIFORNIA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.
CA-028 DM	2.01 70-90%	1.41	1.61	45120	57920	1.41	2.63	1.96	2.55	63360	81600
CA-028 DA	1.26 70-90%	0.88	1.13	28160	36160	1.41	1.78	1.24	1.60	39680	51200
CA-028 DO	1.01 60-80%	0.61	0.81	19520	25920	1.41	1.42	0.85	1.14	27200	36480
CA-028 DI	0.38 60-70%	0.23	0.27	7360	8640	1.41	0.54	0.32	0.38	10240	12160
** Subtotal **	5.18	3.13	4.02	100160	128640		7.30	4.68	6.11	149760	195520
** SUMMARY FOR OFFICE: CA-050											
CA-050 DE	0.63 40-60%	0.00	0.00	0	0	1.41	0.69	0.36	0.53	11520	16960
CA-050 DM	1.84 70-90%	1.29	1.66	41280	53120	1.41	2.59	1.82	2.33	58240	74560
CA-050 DA	1.80 70-90%	1.26	1.62	40320	51840	1.41	2.54	1.78	2.28	56960	72960
CA-050 DO	1.27 60-80%	0.76	1.02	24320	32640	1.41	1.79	1.07	1.43	34240	45760
CA-050 DI	0.33 60-70%	0.20	0.23	6400	7360	1.41	0.47	0.28	0.33	8960	10560
** Subtotal **	5.87	3.51	4.53	112320	144960		6.28	5.31	6.90	169920	220800
** SUMMARY FOR OFFICE: CA-056											
CA-056 DE	0.03 40-60%	0.00	0.00	0	0	1.41	0.04	0.02	0.03	640	960
CA-056 DM	0.84 70-90%	0.59	0.76	18880	24320	1.41	1.18	0.83	1.07	26560	34240
CA-056 DA	1.68 70-90%	1.16	1.51	37760	48320	1.41	2.37	1.66	2.13	53120	68160
CA-056 DO	0.55 60-80%	0.33	0.44	10560	14080	1.41	0.78	0.47	0.62	15040	19840
CA-056 DI	0.11 60-70%	0.07	0.08	2240	2560	1.41	0.16	0.09	0.11	2680	3520
** Subtotal **	3.21	2.17	2.79	69440	89280		4.53	3.07	3.96	98240	126720

SPREADSHEET C: BENEFITS

STATE: CALIFORNIA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVD FOR OFFICE AUTO. CAP.	* TIME	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ HIGH FY85 \$ TREND FACTOR FOR AUTO. CAP. OFFICE	FY86 W/Y CAP. SAVD FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y SAVED FOR AUTO. CAP.	LOW FY86 \$ HIGH FY86 \$ SAVED BY AUTO. CAP.
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** SUMMARY FOR OFFICE: CA-058

CA-058 DE	0.36 40-60%	0.00	0.00	0	1.41	0.51	0.20	0.30	6400	9600
CA-058 DM	0.66 70-90%	0.46	0.59	14720	1.41	0.93	0.65	0.84	20000	26800
CA-058 DA	0.62 70-90%	0.43	0.56	13760	1.41	0.87	0.61	0.79	19520	25200
CA-058 DO	0.48 60-80%	0.29	0.38	9280	1.41	0.68	0.41	0.54	13120	17280
CA-058 DI	0.12 60-70%	0.07	0.08	2240	1.41	0.17	0.10	0.12	3200	3840
** Subtotal **	2.24	1.25	1.61	40000		3.16	1.97	2.59	63040	82880

** SUMMARY FOR OFFICE: CA-059

CA-059 DE	0.43 40-60%	0.00	0.00	0	1.41	0.61	0.24	0.36	7680	11520
CA-059 DM	1.84 70-90%	1.29	1.66	41280	1.41	2.59	1.82	2.33	58240	74560
CA-059 DA	1.81 70-90%	1.27	1.63	40640	1.41	2.55	1.79	2.30	57280	73600
CA-059 DO	1.15 60-80%	0.69	0.92	22080	1.41	1.62	0.97	1.30	31040	41600
CA-059 DI	0.28 60-70%	0.17	0.20	5440	1.41	0.39	0.24	0.28	7680	8960
** Subtotal **	5.51	3.42	4.41	109440		7.77	5.06	6.57	161920	210240

** SUMMARY FOR OFFICE: CA-060

CA-060 DE	1.06 40-60%	0.00	0.00	0	1.41	1.49	0.60	0.90	19200	28800
CA-060 DM	2.16 70-90%	1.51	1.94	48320	1.41	3.05	2.13	2.74	68160	87680
CA-060 DA	2.77 70-90%	1.94	2.49	62080	1.41	3.91	2.73	3.52	87360	112640
CA-060 DO	2.26 60-80%	1.36	1.81	43520	1.41	3.19	1.91	2.55	61120	81600
CA-060 DI	0.38 60-70%	0.23	0.27	7360	1.41	0.54	0.32	0.38	10240	12160

SPREADSHEET C: BENEFITS

STATE: CALIFORNIA

OFFICE AUTO CODE	FY85 W/Y CAP. FOR OFFICE	FY85 W/Y CAP. AUTO.	FY85 W/Y CAP. AUTO.	FY85 W/Y CAP. AUTO.	LOW FY85 W/Y SAVED FOR	HIGH FY85 W/Y SAVED FOR	LOW FY86 W/Y CAP. AUTO.	HIGH FY86 W/Y CAP. AUTO.	FY86 W/Y CAP. AUTO.	LOW FY86 W/Y CAP. AUTO.	HIGH FY86 W/Y CAP. AUTO.	LOW FY86 W/Y CAP. AUTO.	HIGH FY86 W/Y CAP. AUTO.
CODE	FOR OFFICE	FOR OFFICE	FOR OFFICE	FOR OFFICE	SAVED FOR	SAVED FOR	SAVED FOR	SAVED FOR	SAVED FOR	SAVED FOR	SAVED FOR	SAVED FOR	SAVED FOR

** Subtotal **

** SUMMARY FOR OFFICE: CA-065

CA-065 DE	0.29	40-60%	0.00	5.04	6.51	161200	208320	12.17	7.69	10.09	246000	322800
CA-065 DM	0.77	70-90%	0.54	0.69	0.00	17200	22080	0.41	0.16	0.25	5120	8000
CA-065 DA	1.08	70-90%	0.76	0.97	0.69	24320	31040	1.09	0.76	0.98	24320	31360
CA-065 DO	1.46	60-80%	0.88	1.17	0.97	28160	37440	1.52	1.07	1.37	34240	43840
CA-065 DI	0.16	60-70%	0.10	0.11	1.17	3200	3520	2.06	1.24	1.65	39680	52800
** Subtotal **	3.76		2.28	2.94	0.11	72560	94080	0.23	0.14	0.16	4480	5120
								5.30	3.37	4.41	107640	141120

** SUMMARY FOR OFFICE: CA-066

CA-066 DE	0.15	40-60%	0.00	0.00	0.00	0	0	0.21	0.06	0.13	2560	4160
CA-066 DM	0.56	70-90%	0.39	0.50	0.50	12480	16000	0.79	0.55	0.71	17600	22720
CA-066 DA	1.14	70-90%	0.60	1.03	1.03	25600	32560	1.61	1.13	1.45	36160	46400
CA-066 DO	1.03	60-80%	0.62	0.82	0.82	19840	26240	1.45	0.87	1.16	27840	37120
CA-066 DI	0.08	60-70%	0.05	0.06	0.06	1600	1920	0.11	0.07	0.08	2240	2560
** Subtotal **	2.96		1.86	2.41	0.06	59520	77120	4.17	2.70	3.53	66400	112960

** SUMMARY FOR OFFICE: CA-067

CA-067 DE	0.13	40-60%	0.00	0.00	0.00	0	0	0.16	0.07	0.11	2240	3520
CA-067 DM	0.62	70-90%	0.43	0.56	0.56	13760	17920	0.87	0.61	0.79	19520	25280
CA-067 DA	0.79	70-90%	0.55	0.71	0.71	17600	22720	1.11	0.78	1.00	24960	32000

SPREADSHEET C: BENEFITS

STATE: CALIFORNIA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	TREND FACTOR FOR OFFICE	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ HIGH FY86 \$
CA-067 DO	1.01 60-80%	0.61	0.81	1.9520	1.41	1.42	0.85	1.14
CA-067 DI	0.17 60-70%	0.10	0.12	3200	1.41	0.24	0.14	0.17
** Subtotal **	2.72	1.69	2.20	54000	70400	3.84	2.45	3.21
** SUMMARY FOR OFFICE: CA-068								
CA-068 DE	0.20 40-60%	0.00	0.00	0	1.41	0.28	0.11	0.17
CA-068 DM	0.79 70-90%	0.55	0.71	17600	1.41	1.11	0.78	1.00
CA-068 DA	1.20 70-90%	0.84	1.00	26800	1.41	1.69	1.18	1.52
CA-068 DO	1.33 60-80%	0.80	1.06	25600	1.41	1.88	1.13	1.50
CA-068 DI	0.16 60-70%	0.10	0.11	3200	1.41	0.23	0.14	0.16
** Subtotal **	3.68	2.29	2.96	73200	94720	5.19	3.34	4.35
** SUMMARY FOR OFFICE: CA-069								
CA-069 DE	0.18 40-60%	0.00	0.00	0	1.41	0.25	0.10	0.15
CA-069 DM	0.61 70-90%	0.43	0.55	13760	1.41	0.86	0.60	0.77
CA-069 DA	0.93 70-90%	0.65	0.84	20800	1.41	1.31	0.92	1.18
CA-069 DO	1.07 60-80%	0.64	0.86	20480	1.41	1.51	0.91	1.21
CA-069 DI	0.12 60-70%	0.07	0.08	2240	1.41	0.17	0.10	0.12
** Subtotal **	2.91	1.79	2.33	57200	74560	4.10	2.63	3.43
** SUMMARY FOR OFFICE: CA-900								
CA-900 DE	0.80 40-60%	0.00	0.00	0	1.41	1.13	0.45	0.68

10/26/86

SPREADSHEET C: BENEFITS

STATE: CALIFORNIA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	% TIME	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ SAVED BY AUTO. CAP.	HIGH FY85 \$ SAVED BY AUTO. CAP.	TREND FACTOR FOR OFFICE	FY96 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	LOW FY96 W/Y SAVED FOR AUTO. CAP.	HIGH FY96 W/Y SAVED FOR AUTO. CAP.	LOW FY96 \$ SAVED BY AUTO. CAP.	HIGH FY96 \$ SAVED BY AUTO. CAP.
CA-900 DM	9.55	70-90%	6.69	8.60	214080	275200	1.41	13.47	9.43	12.12	301760	387840
CA-900 DA	13.31	70-90%	9.32	11.98	298240	383360	1.41	18.77	13.14	16.89	420480	540480
CA-900 DO	4.10	60-80%	2.46	3.28	78720	104960	1.41	5.78	3.47	4.62	111040	147840
CA-900 DI	1.33	60-70%	0.80	0.93	25600	29760	1.41	1.88	1.13	1.31	36160	41920
** Subtotal **	29.09		19.27	24.79	616640	793280		41.02	27.62	35.62	883840	1139840
*** Total ***	118.84		72.93	94.12	2333760	3011840		167.56	108.31	140.94	3465920	4510080

SPREADSHEET C: BENEFITS

STATE: COLORADO

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. CAP.	% TIME SAVED FOR CAP. AUTO. CAP.	LOW FY85 W/Y SAVED FOR CAP. AUTO. CAP.	HIGH FY85 W/Y SAVED FOR CAP. AUTO. CAP.	FY86 W/Y TREND FOR OFFICE	LOW FY86 W/Y SAVED FOR CAP. AUTO. CAP.	HIGH FY86 W/Y SAVED FOR CAP. AUTO. CAP.	LOW FY86 \$ SAVED BY CAP. AUTO. CAP.	HIGH FY86 \$ SAVED BY CAP. AUTO. CAP.
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** SUMMARY FOR OFFICE: CO-010

CO-010 DE	1.17	40-60X	0.00	0.00	0	1.41	1.65	0.66	0.99	21120	31680
CO-010 DM	6.27	70-90X	4.39	5.64	140480	1.41	8.84	6.19	7.96	198080	254720
CO-010 DA	4.36	70-90X	3.05	3.92	97600	1.41	6.15	4.30	5.53	137600	176960
CO-010 DO	2.82	60-80X	1.69	2.26	54080	1.41	3.98	2.39	3.18	76480	101760
CO-010 DI	1.22	60-70X	0.73	0.85	23360	1.41	1.72	1.03	1.20	32960	38400
** Subtotal **	15.84		9.86	12.67	315520		22.33	14.57	18.86	466240	603520

** SUMMARY FOR OFFICE: CO-016

CO-016 DE	0.57	40-60X	0.00	0.00	0	1.41	0.80	0.32	0.48	10240	15360
CO-016 DM	2.93	70-90X	2.05	2.64	65600	1.41	4.13	2.89	3.72	92480	119040
CO-016 DA	1.26	70-90X	0.88	1.13	28160	1.41	1.78	1.24	1.60	39680	51200
CO-016 DO	1.32	60-80X	0.79	1.06	25280	1.41	1.86	1.12	1.49	35840	47680
CO-016 DI	0.54	60-70X	0.32	0.38	10240	1.41	0.76	0.46	0.53	14720	18960
** Subtotal **	6.62		4.04	5.21	129280		9.33	6.03	7.82	192960	250240

** SUMMARY FOR OFFICE: CO-017

CO-017 DE	0.49	40-60X	0.00	0.00	0	1.41	0.69	0.28	0.41	8960	13120
CO-017 DM	3.91	70-90X	2.74	3.52	87680	1.41	5.51	3.86	4.96	123520	158720
CO-017 DA	1.89	70-90X	1.32	1.70	42240	1.41	2.66	1.87	2.40	59840	76800
CO-017 DO	1.38	60-80X	0.83	1.10	26560	1.41	1.95	1.17	1.56	37440	49920
CO-017 DI	0.61	60-70X	0.37	0.43	11840	1.41	0.86	0.52	0.60	16640	19200

10/28/86

SPREADSHEET C: BENEFITS

STATE: COLORADO

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	* TIME CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ HIGH FY85 \$ TREND SAVED BY AUTO. CAP.	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ HIGH FY86 \$ SAVED BY AUTO. CAP.
** Subtotal **									
	8.28		5.26	6.75	168320	216000	11.67	7.70	9.93
** SUMMARY FOR OFFICE: CO-018									
CO-018 DE	0.20 40-60%		0.00	0.00	0	0	1.41	0.28	0.17
CO-018 DM	1.66 70-90%		1.16	1.49	37120	47680	1.41	2.34	2.11
CO-018 DA	0.59 70-90%		0.41	0.53	13120	16960	1.41	0.83	0.75
CO-018 DO	0.55 60-80%		0.33	0.44	10560	14080	1.41	0.78	0.62
CO-018 DI	0.27 60-70%		0.16	0.19	5120	6080	1.41	0.38	0.27
** Subtotal **									
	3.27		2.06	2.65	65920	84800	4.61	3.03	3.92
** SUMMARY FOR OFFICE: CO-030									
CO-030 DE	0.44 40-60%		0.00	0.00	0	0	1.41	0.62	0.37
CO-030 DM	2.21 70-90%		1.55	1.99	49600	63680	1.41	3.12	2.80
CO-030 DA	1.92 70-90%		1.34	1.73	42880	55360	1.41	2.71	2.44
CO-030 DO	1.25 60-80%		0.75	1.00	24000	32000	1.41	1.76	1.41
CO-030 DI	0.61 60-70%		0.37	0.43	11840	13760	1.41	0.86	0.60
** Subtotal **									
	6.43		4.01	5.15	128320	164800	9.07	5.91	7.62
** SUMMARY FOR OFFICE: CO-036									
CO-036 DE	0.40 40-60%		0.00	0.00	0	0	1.41	0.56	0.34
CO-036 DM	2.42 70-90%		1.69	2.18	54080	69760	1.41	3.41	3.07
CO-036 DA	0.77 70-90%		0.54	0.69	17280	22080	1.41	1.09	0.98

STATE: COLORADO

OFFICE AUTO CODE	FY85 W/Y CAPABILITY AUTO. FOR OFFICE AUTO.	% TIME CAP. SAVED FOR AUTO.	LOW FY85 W/Y SAVED FOR CAP.	HIGH FY85 W/Y SAVED FOR CAP.	LOW FY85 W/Y SAVED BY CAP.	HIGH FY85 W/Y SAVED BY CAP.	TREND FACTOR FOR OFFICE	FY86 W/Y CAP.	LOW FY86 W/Y SAVED FOR CAP.	HIGH FY86 W/Y SAVED FOR CAP.	LOW FY86 W/Y SAVED BY CAP.	HIGH FY86 W/Y SAVED BY CAP.
CO-036 DO	0.92	60-80%	0.55	0.74	17600	23680	1.41	1.30	0.76	1.04	24960	33280
CO-036 DI	0.41	60-70%	0.25	0.29	8000	9280	1.41	0.58	0.35	0.40	11200	12800
** Subtotal **	4.92		3.03	3.90	96960	124800		6.94	4.51	5.83	144320	186560
** SUMMARY FOR OFFICE: CO-037												
CO-037 DE	0.26	40-60%	0.00	0.00	0	0	1.41	0.37	0.15	0.22	4800	7040
CO-037 DM	1.09	70-90%	0.76	0.98	24320	31360	1.41	1.54	1.08	1.38	34560	44160
CO-037 DA	0.28	70-90%	0.20	0.25	6400	8000	1.41	0.39	0.28	0.36	8960	11520
CO-037 DO	0.49	60-80%	0.29	0.39	9280	12480	1.41	0.69	0.41	0.55	13120	17600
CO-037 DI	0.19	60-70%	0.11	0.13	3520	4160	1.41	0.27	0.16	0.19	5120	6080
** Subtotal **	2.31		1.36	1.75	43520	56000		3.26	2.08	2.70	66560	86400
** SUMMARY FOR OFFICE: CO-038												
CO-038 DE	0.77	40-60%	0.00	0.00	0	0	1.41	1.09	0.43	0.65	13760	20800
CO-038 DM	3.36	70-90%	2.35	3.02	75200	96640	1.41	4.74	3.32	4.26	106240	136320
CO-038 DA	1.29	70-90%	0.90	1.16	28800	37120	1.41	1.82	1.27	1.64	40640	52480
CO-038 DO	1.69	60-80%	1.01	1.35	32320	43200	1.41	2.38	1.43	1.91	45760	61120
CO-038 DI	0.66	60-70%	0.40	0.46	12800	14720	1.41	0.93	0.56	0.65	17920	20800
** Subtotal **	7.77		4.66	5.99	149120	191680		10.96	7.01	9.11	224320	291520
** SUMMARY FOR OFFICE: CO-050												
CO-050 DE	0.52	40-60%	0.00	0.00	0	0	1.41	0.73	0.29	0.44	9280	14080

10/28/86

SPREADSHEET C: BENEFITS

STATE: COLORADO

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	TIME X	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ Trend	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ Trend	HIGH FY86 \$		
CO-050 DM	2.96	70-90%	2.07	2.66	66240	85120	1.41	4.17	2.92	3.76	93440	120320
CO-050 DA	1.77	70-90%	1.24	1.59	39680	50880	1.41	2.50	1.75	2.25	56000	72000
CO-050 DO	1.36	60-80%	0.82	1.09	26240	34880	1.41	1.92	1.15	1.53	36800	46960
CO-050 DI	0.60	60-70%	0.36	0.42	11520	13440	1.41	0.85	0.51	0.59	16320	18880
** Subtotal **	7.21		4.49	5.76	143680	184320		10.17	6.62	8.57	211840	274240
** SUMMARY FOR OFFICE: CO-056												
CO-056 DE	0.08	40-60%	0.00	0.00	0	0	1.41	0.11	0.05	0.07	1600	2240
CO-056 DM	0.38	70-90%	0.27	0.34	8640	10880	1.41	0.54	0.38	0.48	12160	15360
CO-056 DA	0.19	70-90%	0.13	0.17	4160	5440	1.41	0.27	0.19	0.24	6080	7680
CO-056 DO	0.11	60-80%	0.07	0.09	2240	2880	1.41	0.16	0.09	0.12	2880	3840
CO-056 DI	0.06	60-70%	0.04	0.04	1280	1280	1.41	0.08	0.05	0.06	1600	1920
** Subtotal **	0.82		0.51	0.64	16320	20480		1.16	0.76	0.97	24320	31040
** SUMMARY FOR OFFICE: CO-057												
CO-057 DE	0.42	40-60%	0.00	0.00	0	0	1.41	0.59	0.24	0.36	7680	11520
CO-057 DM	1.49	70-90%	1.04	1.34	33280	42880	1.41	2.10	1.47	1.89	47040	60480
CO-057 DA	0.60	70-90%	0.42	0.54	13440	17280	1.41	0.85	0.59	0.76	18880	24320
CO-057 DO	0.70	60-80%	0.42	0.56	13440	17920	1.41	0.99	0.59	0.79	18880	25280
CO-057 DI	0.22	60-70%	0.13	0.15	4160	4800	1.41	0.31	0.19	0.22	6080	7040
** Subtotal **	3.43		2.01	2.59	64320	82880		4.84	3.08	4.02	98560	128640

SPREADSHEET C: BENEFITS

STATE: COLORADO

OFFICE AUTO FY85 W/Y % TIME LOW FY85 W/Y HIGH FY85 W/Y LOW FY85 \$ TREND FY86 W/Y LOW FY86 W/Y HIGH FY86 \$ HIGH FY86 \$
CODE CAPABILITY AUTO, CAP. SAVED FOR SAVED BY SAVED BY FACTOR FOR AUTO, CAP. SAVED FOR SAVED BY SAVED BY
CODE FOR OFFICE AUTO, CAP. AUTO, CAP. OFFICE FOR OFFICE AUTO, CAP. AUTO, CAP. AUTO, CAP.

** SUMMARY FOR OFFICE: CO-058

CO-058 DE	0.23 40-60%	0.00	0.00	0	0	1.41	0.32	0.13	0.19	4160	6080
CO-058 DM	0.30 70-90%	0.21	0.27	6720	8640	1.41	0.42	0.30	0.38	9600	12160
CO-058 DA	0.27 70-90%	0.19	0.24	6080	7680	1.41	0.38	0.27	0.34	8640	10880
CO-058 DO	0.33 60-80%	0.20	0.26	6400	8320	1.41	0.47	0.28	0.37	8960	11840
CO-058 DI	0.07 60-70%	0.04	0.05	1280	1600	1.41	0.10	0.06	0.07	1920	2240
** Subtotal **	1.20	0.64	0.82	20480	26240		1.69	1.04	1.35	33280	43200

** SUMMARY FOR OFFICE: CO-070

CO-070 DE	0.83 40-60%	0.00	0.00	0	0	1.41	1.17	0.47	0.70	15040	22400
CO-070 DM	3.17 70-90%	2.22	2.85	71040	91200	1.41	4.47	3.13	4.02	100160	128640
CO-070 DA	2.19 70-90%	1.53	1.97	48960	63040	1.41	3.09	2.16	2.78	69120	88960
CO-070 DO	1.50 60-80%	0.90	1.20	28800	38400	1.41	2.11	1.27	1.69	40640	54080
CO-070 DI	0.48 60-70%	0.29	0.34	9280	10880	1.41	0.68	0.41	0.47	13120	15040
** Subtotal **	8.17	4.94	6.36	158080	203520		11.52	7.44	9.66	238080	309120

** SUMMARY FOR OFFICE: CO-076

CO-076 DE	0.54 40-60%	0.00	0.00	0	0	1.41	0.90	0.36	0.54	11520	17280
CO-076 DM	2.72 70-90%	1.90	2.45	60800	78400	1.41	3.84	2.68	3.45	85760	110400
CO-076 DA	1.02 70-90%	0.71	0.92	22720	29440	1.41	1.44	1.01	1.29	32320	41280
CO-076 DO	1.29 60-80%	0.77	1.03	24640	32960	1.41	1.82	1.09	1.46	34880	46720
CO-076 DI	0.54 60-70%	0.32	0.38	10240	12160	1.41	0.76	0.46	0.53	14720	16960

10/28/86

SPREADSHEET C: BENEFITS

STATE: COLORADO

OFFICE AUTO CODE	FY85 W/Y CAP. FOR OFFICE	* TIME AUTO. CAP.	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	FY86 W/Y CAP. FOR OFFICE	LOW FY86 W/Y SAVED FOR AUTO. CAP.	HIGH FY86 W/Y SAVED FOR AUTO. CAP.	LOW FY86 \$ CAP. AUTO.	HIGH FY86 \$ CAP. AUTO.
** Subtotal **									
** SUMMARY FOR OFFICE: CO-077									
CO-077 DE	0.29	40-60%	0.00	0.00	0	0	0.41	0.16	0.25
CO-077 DM	1.57	70-90%	1.10	1.41	35200	45120	2.21	1.55	1.99
CO-077 DA	0.71	70-90%	0.50	0.64	16000	20480	1.00	0.70	0.90
CO-077 DO	0.66	60-80%	0.40	0.53	12800	16960	0.93	0.56	0.74
CO-077 DI	0.26	60-70%	0.16	0.18	5120	5760	0.37	0.22	0.26
** Subtotal **									
** SUMMARY FOR OFFICE: CO-900									
CO-900 DE	5.74	40-60%	0.00	0.00	0	0	1.41	3.24	4.86
CO-900 DM	15.34	70-90%	10.74	13.81	343680	441920	21.63	15.14	19.47
CO-900 DA	12.69	70-90%	8.88	11.42	284160	365440	17.89	12.53	16.10
CO-900 DO	8.17	60-80%	4.90	6.54	156800	209280	11.52	6.91	9.22
CO-900 DI	3.00	60-70%	1.80	2.10	57600	67200	4.23	2.54	2.96
** Subtotal **									
*** Total ***									

** Subtotal **

6.21	3.70	4.78	118400	152960	8.76	5.60	7.27	179200	232640
** SUMMARY FOR OFFICE: CO-077									
0.29	40-60%	0.00	0	0	1.41	0.16	0.25	5120	6000
1.57	70-90%	1.10	35200	45120	1.41	1.55	1.99	49600	63680
0.71	70-90%	0.50	16000	20480	1.41	0.70	0.90	22400	28800
0.66	60-80%	0.40	12800	16960	1.41	0.56	0.74	17920	23680
0.26	60-70%	0.16	5120	5760	1.41	0.22	0.26	7040	8320
3.49	2.16	2.76	69120	88320	4.92	3.19	4.14	102080	132480
** Subtotal **									

** Subtotal **

** SUMMARY FOR OFFICE: CO-900

5.74	40-60%	0.00	0	0	1.41	3.24	4.86	103680	155520
15.34	70-90%	10.74	343680	441920	1.41	15.14	19.47	484480	623040
12.69	70-90%	8.88	284160	365440	1.41	12.53	16.10	400960	515200
8.17	60-80%	4.90	156800	209280	1.41	6.91	9.22	221120	295040
3.00	60-70%	1.80	57600	67200	1.41	2.54	2.96	81280	94720
44.94	26.32	33.87	842240	1083840	63.37	40.36	52.61	1291520	1683520
130.91	79.05	101.65	2529600	3252800	184.58	118.93	154.38	3805760	4940160
*** Total ***									

*** Total ***

SPREADSHEET C: BENEFITS

STATE: EASTERN STATES

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	* TIME CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ HIGH FY85 \$ TREND CAP. SAVED BY OFFICE AUTO. CAP.	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ HIGH FY86 \$ CAP. SAVED BY OFFICE AUTO. CAP.
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** SUMMARY FOR OFFICE: ES-020

ES-020 DE	0.41	40-60%	0.00	0.00	0	0	1.41	0.58	0.23	0.35	7360	11200
ES-020 DM	3.69	70-90%	2.58	3.32	82560	106240	1.41	5.20	3.64	4.68	116480	149760
ES-020 DA	2.39	70-90%	1.67	2.15	53440	68800	1.41	3.37	2.36	3.03	75520	96960
ES-020 DO	3.36	60-80%	2.02	2.69	64640	86080	1.41	4.74	2.84	3.79	90880	121280
ES-020 DI	0.73	60-70%	0.44	0.51	14080	16320	1.41	1.03	0.62	0.72	19840	23040
** Subtotal **	10.58		6.71	8.67	214720	277440		14.92	9.69	12.57	310080	402240

** SUMMARY FOR OFFICE: ES-030

ES-030 DE	0.28	40-60%	0.00	0.00	0	0	1.41	0.39	0.16	0.24	5120	7680
ES-030 DM	3.89	70-90%	2.72	3.50	87040	112000	1.41	5.48	3.84	4.94	122880	158080
ES-030 DA	1.44	70-90%	1.01	1.30	33320	41600	1.41	2.03	1.42	1.83	45440	58560
ES-030 DO	2.43	60-80%	1.46	1.94	46720	62080	1.41	3.43	2.06	2.74	65920	87680
ES-030 DI	0.43	60-70%	0.26	0.30	8320	9600	1.41	0.61	0.36	0.42	11520	13440
** Subtotal **	8.47		5.45	7.04	174400	225280		11.94	7.84	10.17	250880	325440

** SUMMARY FOR OFFICE: ES-900

ES-900 DE	2.86	40-60%	0.00	0.00	0	0	1.41	4.03	1.61	2.42	51520	77440
ES-900 DM	12.14	70-90%	8.50	10.93	272000	349760	1.41	17.12	11.98	15.41	383360	493120
ES-900 DA	12.57	70-90%	8.80	11.31	281600	361920	1.41	17.72	12.41	15.95	397120	510400
ES-900 DO	8.43	60-80%	5.06	6.74	161920	215680	1.41	11.89	7.13	9.51	228160	304320
ES-900 DI	2.16	60-70%	1.30	1.51	41600	48320	1.41	3.05	1.83	2.13	58560	68160

10/29/86

SPREADSHEET C: BENEFITS

STATE: EASTERN STATES

OFFICE AUTO CODE	FY85 W/Y CAP. SAVER FOR OFFICE AUTO. CAP.	% TIME SAVED FOR AUTO. CAP.	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ TREND FACTOR FOR OFFICE AUTO. CAP.	HIGH FY85 \$ TREND FACTOR FOR OFFICE AUTO. CAP.	LOW FY86 W/Y SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ HIGH FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ HIGH FY86 \$ SAVED BY AUTO. CAP.
	38.16	23.66	30.49	757120	975680	53.81	34.96	45.42	1118720	1453440
	57.21	35.82	46.20	1146240	1478400	80.67	52.49	68.16	1679680	2181120

** Subtotal **

*** Total ***

SPREADSHEET C: BENEFITS

STATE: IDAHO

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ SAVED BY OFFICE	HIGH FY85 \$ SAVED BY OFFICE	TREND FACTOR FOR OFFICE	FY96 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY96 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY96 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY96 \$ SAVED BY OFFICE	HIGH FY96 \$ SAVED BY OFFICE	
** SUMMARY FOR OFFICE: ID-010													
ID-010 DE	1.79 40-60%		0.00	0.00	0	0		1.41	2.52	1.01	1.51	32320	48320
ID-010 DM	6.78 70-90%		4.75	6.10	152000	195200		1.41	9.56	6.69	8.60	214080	275200
ID-010 DA	1.57 70-90%		1.10	1.41	35200	45120		1.41	2.21	1.55	1.99	49600	63680
ID-010 DO	3.63 60-80%		2.18	2.90	69760	92800		1.41	5.12	3.07	4.09	58240	130880
ID-010 DI	1.50 60-70%		0.90	1.05	28800	33600		1.41	2.11	1.27	1.48	40640	47360
** Subtotal **	15.27		8.93	11.46	285760	366720			21.53	13.59	17.67	434880	565440
** SUMMARY FOR OFFICE: ID-016													
ID-016 DE	0.39 40-60%		0.00	0.00	0	0		1.41	0.55	0.22	0.33	7040	10560
ID-016 DM	2.24 70-90%		1.57	2.02	50240	64640		1.41	3.16	2.21	2.84	70720	90880
ID-016 DA	1.16 70-90%		0.81	1.04	25920	33280		1.41	1.64	1.14	1.47	36480	47040
ID-016 DO	1.19 60-80%		0.71	0.95	22720	30400		1.41	1.66	1.01	1.34	32320	42880
ID-016 DI	0.45 60-70%		0.27	0.32	8640	10240		1.41	0.63	0.36	0.44	12160	14080
** Subtotal **	5.43		3.36	4.33	107520	138560			7.66	4.96	6.42	158720	205440
** SUMMARY FOR OFFICE: ID-017													
ID-017 DE	0.78 40-60%		0.00	0.00	0	0		1.41	1.10	0.44	0.66	14080	21120
ID-017 DM	1.85 70-90%		1.29	1.67	41280	53440		1.41	2.61	1.83	2.35	58560	75200
ID-017 DA	1.81 70-90%		1.27	1.63	40640	52160		1.41	2.55	1.79	2.30	57280	73600
ID-017 DO	1.23 60-80%		0.74	0.98	25680	31360		1.41	1.73	1.04	1.39	33280	44480
ID-017 DI	0.31 60-70%		0.19	0.22	6080	7040		1.41	0.44	0.25	0.31	8320	9920

10/30/86

SPREADSHEET C: BENEFITS

STATE: IDAHO

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. FOR OFFICE	% TIME SAVED FOR CAP. AUTO.	LOW FY85 W/Y SAVED FOR CAP. AUTO.	HIGH FY85 W/Y SAVED FOR CAP. AUTO.	LOW FY85 \$ SAVED BY CAP. AUTO.	HIGH FY85 \$ SAVED BY CAP. AUTO.	TREND FACTOR FOR OFFICE	FY86 W/Y CAP. AUTO. FOR OFFICE	LOW FY86 W/Y SAVED FOR CAP. AUTO.	HIGH FY86 W/Y SAVED FOR CAP. AUTO.	LOW FY86 \$ SAVED BY CAP. AUTO.	HIGH FY86 \$ SAVED BY CAP. AUTO.

** Subtotal **												
** SUMMARY FOR OFFICE: ID-018												
ID-018 DE	0.48	40-60%	0.00	0.00	0	0	1.41	0.68	0.27	0.41	8640	13120
ID-018 DM	1.33	70-90%	0.93	1.20	29760	38400	1.41	1.88	1.31	1.69	41320	54080
ID-018 DA	1.46	70-90%	1.02	1.31	32640	41920	1.41	2.06	1.44	1.85	46080	59200
ID-018 DO	1.21	60-80%	0.73	0.97	23360	31040	1.41	1.71	1.02	1.36	32640	43520
ID-018 DI	0.25	60-70%	0.15	0.17	4800	5440	1.41	0.35	0.21	0.25	6720	8000
** Subtotal **												
	4.73		2.83	3.65	90560	116800		6.67	4.25	5.56	136000	177920
** SUMMARY FOR OFFICE: ID-019												
ID-019 DE	0.54	40-60%	0.00	0.00	0	0	1.41	0.76	0.30	0.46	9600	14720
ID-019 DM	1.37	70-90%	0.96	1.23	30720	39360	1.41	1.93	1.35	1.74	43200	55680
ID-019 DA	1.30	70-90%	0.91	1.17	29120	37440	1.41	1.83	1.28	1.65	40960	52800
ID-019 DO	0.96	60-80%	0.58	0.77	18560	24640	1.41	1.35	0.81	1.08	25920	34560
ID-019 DI	0.23	60-70%	0.14	0.16	4480	5120	1.41	0.32	0.19	0.23	6080	7360
** Subtotal **												
	4.40		2.59	3.33	82880	106560		6.20	3.93	5.16	125760	165120
** SUMMARY FOR OFFICE: ID-020												
ID-020 DE	0.77	40-60%	0.00	0.00	0	0	1.41	1.09	0.43	0.65	13760	20800
ID-020 DM	2.42	70-90%	1.69	2.18	54080	69760	1.41	3.41	2.39	3.07	76480	98240
ID-020 DA	0.49	70-90%	0.34	0.44	10880	14080	1.41	0.69	0.43	0.62	15360	19840

10/30/86

SPREADSHEET C: BENEFITS

STATE: IDAHO

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. FOR OFFICE	% TIME SAVED FOR CAP. AUTO.	LOW FY85 W/Y SAVED FOR CAP. AUTO.	HIGH FY85 W/Y SAVED FOR CAP. AUTO.	LOW FY85 \$ SAVED BY CAP. AUTO.	HIGH FY85 \$ SAVED BY CAP. AUTO.	TREND FACTOR FOR OFFICE	FY86 W/Y CAP. AUTO. FOR OFFICE	LOW FY86 W/Y SAVED FOR CAP. AUTO.	HIGH FY86 W/Y SAVED FOR CAP. AUTO.	LOW FY86 \$ SAVED BY CAP. AUTO.	HIGH FY86 \$ SAVED BY CAP. AUTO.
ID-020 D0	1.47	60-80%	0.88	1.18	28160	37760	1.41	2.07	1.24	1.66	39680	53120
ID-020 DI	0.62	60-70%	0.37	0.43	11840	13760	1.41	0.57	0.52	0.61	16640	19520
** Subtotal **	5.77		3.28	4.23	104960	135360		8.14	5.06	6.61	161920	211520
** SUMMARY FOR OFFICE: ID-025												
ID-025 DE	0.54	40-60%	0.00	0.00	0	0	1.41	0.75	0.30	0.46	9600	14720
ID-025 DM	1.64	70-90%	1.15	1.48	36800	47360	1.41	2.31	1.62	2.08	51840	66560
ID-025 DA	1.67	70-90%	1.17	1.50	37440	48000	1.41	2.35	1.65	2.12	52800	67840
ID-025 D0	1.13	60-80%	0.68	0.90	21760	28800	1.41	1.59	0.96	1.27	30720	40640
ID-025 DI	0.29	60-70%	0.17	0.20	5440	6400	1.41	0.41	0.25	0.29	8000	9280
** Subtotal **	5.27		3.17	4.08	101440	130560		7.43	4.78	6.22	152960	199040
** SUMMARY FOR OFFICE: ID-029												
ID-029 DE	0.28	40-60%	0.00	0.00	0	0	1.41	0.39	0.16	0.24	5120	7680
ID-029 DM	0.98	70-90%	0.69	0.88	22080	28160	1.41	1.38	0.97	1.34	31040	39680
ID-029 DA	0.72	70-90%	0.50	0.65	16000	20800	1.41	1.02	0.71	0.91	22720	29120
ID-029 D0	0.55	60-80%	0.33	0.44	10560	14080	1.41	0.78	0.47	0.62	15040	19540
ID-029 DI	0.17	60-70%	0.10	0.12	3200	3840	1.41	0.24	0.14	0.17	4480	5440
** Subtotal **	2.70		1.62	2.09	51840	66560		3.81	2.45	3.18	78400	101760
** SUMMARY FOR OFFICE: ID-030												
ID-030 DE	1.29	40-60%	0.00	0.00	0	0	1.41	1.82	0.73	1.09	23560	34560

10/30/86

SPREADSHEET C: BENEFITS

STATE: IDAHO

OFFICE AUTO CODE	FY85 W/Y CAP. OFFICE AUTO.	% TIME SAVED FOR OFFICE AUTO.	LOW FY85 W/Y CAP. AUTO.	HIGH FY85 W/Y CAP. AUTO.	LOW FY85 \$ SAVED BY AUTO. CAP.	HIGH FY85 \$ SAVED BY AUTO. CAP.	TREND FACTOR FOR OFFICE	FY86 W/Y CAP. OFFICE	LOW FY86 W/Y CAP. AUTO.	HIGH FY86 W/Y CAP. AUTO.	LOW FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.
ID-030 DM	4.23	70-90%	2.96	3.81	94720	121920	1.41	5.96	4.18	5.37	133760	171840
ID-030 DA	1.15	70-90%	0.80	1.03	25600	32960	1.41	1.62	1.14	1.46	36480	46720
ID-030 DO	2.22	60-80%	1.33	1.78	42560	56960	1.41	3.13	1.88	2.50	60160	80000
ID-030 DI	0.95	60-70%	0.57	0.66	16240	21120	1.41	1.34	0.80	0.94	25600	30080
** Subtotal **	9.84		5.66	7.28	181120	232960		13.87	8.73	11.36	279360	363520
** SUMMARY FOR OFFICE: ID-036												
ID-036 DE	0.36	40-60%	0.00	0.00	0	0	1.41	0.51	0.20	0.30	6400	9600
ID-036 DM	0.93	70-90%	0.65	0.84	20800	26880	1.41	1.31	0.92	1.18	25440	37760
ID-036 DA	0.99	70-90%	0.69	0.89	22080	28480	1.41	1.40	0.98	1.26	31360	40320
ID-036 DO	0.67	60-80%	0.40	0.54	12800	17280	1.41	0.94	0.57	0.76	18240	24320
ID-036 DI	0.16	60-70%	0.10	0.11	3200	3520	1.41	0.23	0.14	0.16	4480	5120
** Subtotal **	3.11		1.84	2.38	56800	76160		4.39	2.81	3.66	89920	117120
** SUMMARY FOR OFFICE: ID-037												
ID-037 DE	0.28	40-60%	0.00	0.00	0	0	1.41	0.39	0.16	0.24	5120	7680
ID-037 DM	0.98	70-90%	0.69	0.88	22080	28160	1.41	1.38	0.97	1.24	31040	39680
ID-037 DA	0.73	70-90%	0.51	0.66	16320	21120	1.41	1.03	0.72	0.93	23040	29760
ID-037 DO	0.54	60-80%	0.32	0.43	10240	13760	1.41	0.76	0.48	0.61	14720	19520
ID-037 DI	0.17	60-70%	0.10	0.12	3200	3840	1.41	0.24	0.14	0.17	4480	5440
** Subtotal **	2.70		1.62	2.09	51840	66880		3.81	2.45	3.19	78400	102080

SPREADSHEET C: BENEFITS

STATE: IDAHO

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ SAVED BY OFFICE	HIGH FY85 \$ SAVED BY OFFICE	TREND FACTOR FOR OFFICE	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y SAVED BY OFFICE AUTO. CAP.	HIGH FY86 W/Y SAVED BY OFFICE AUTO. CAP.	LOW FY86 \$ SAVED BY OFFICE AUTO. CAP.	HIGH FY86 \$ SAVED BY OFFICE AUTO. CAP.
** SUMMARY FOR OFFICE: ID-039												
ID-039 DE	0.42 40-60%	0.00	0.00	0.00	0	0	1.41	0.59	0.24	0.36	7680	11520
ID-039 DM	1.58 70-90%	1.11	1.42	35520	45440	1.41	1.41	2.23	1.56	2.01	49920	64320
ID-039 DA	0.87 70-90%	0.61	0.78	19520	24960	1.41	1.41	1.23	0.86	1.10	27520	36200
ID-039 DO	0.63 60-80%	0.38	0.50	12160	16000	1.41	1.41	0.89	0.53	0.71	16960	22720
ID-039 DI	0.31 60-70%	0.19	0.22	6080	7040	1.41	1.41	0.44	0.26	0.31	8320	9920
** Subtotal **												
	3.81	2.29	2.92	73280	93440			5.37	3.45	4.49	110400	143680
** SUMMARY FOR OFFICE: ID-040												
ID-040 DE	0.57 40-60%	0.00	0.00	0	0	1.41	1.41	0.80	0.32	0.48	10240	15360
ID-040 DM	3.20 70-90%	2.24	2.88	71680	92160	1.41	1.41	4.51	3.16	4.06	101120	129320
ID-040 DA	0.59 70-90%	0.41	0.53	13120	16960	1.41	1.41	0.83	0.58	0.75	18560	24000
ID-040 DO	1.48 60-80%	0.89	1.16	28480	37760	1.41	1.41	2.09	1.25	1.67	40000	53440
ID-040 DI	0.74 60-70%	0.44	0.52	14080	16640	1.41	1.41	1.04	0.63	0.73	20160	23360
** Subtotal **												
	6.58	3.93	5.11	127360	163520			9.23	5.94	7.69	150080	246080
** SUMMARY FOR OFFICE: ID-046												
ID-046 DE	0.59 40-60%	0.00	0.00	0	0	1.41	1.41	0.83	0.33	0.50	10560	16000
ID-046 DM	1.36 70-90%	0.95	1.22	30400	39040	1.41	1.41	1.92	1.34	1.73	42880	55360
ID-046 DA	1.50 70-90%	1.05	1.35	33600	43200	1.41	1.41	2.11	1.48	1.90	47360	60800
ID-046 DO	0.91 60-80%	0.55	0.73	17600	23360	1.41	1.41	1.28	0.77	1.03	24640	32960
ID-046 DI	0.21 60-70%	0.13	0.15	4160	4800	1.41	1.41	0.30	0.18	0.21	5760	6720

SPREADSHEET C: BENEFITS

STATE: IDAHO

OFFICE AUTO CODE	FY85 W/Y CAPABILITY AUTO. CAP. FOR OFFICE AUTO. CAP.	% TIME SAVED FOR AUTO. CAP.	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ TREND SAVED BY AUTO. CAP.	HIGH FY85 \$ TREND SAVED BY AUTO. CAP.	FY96 W/Y FOR OFFICE AUTO. CAP.	LOW FY96 W/Y SAVED FOR AUTO. CAP.	HIGH FY96 W/Y SAVED FOR AUTO. CAP.	LOW FY96 \$ HIGH FY96 \$ SAVED BY AUTO. CAP.	HIGH FY96 \$ SAVED BY AUTO. CAP.

** Subtotal **											
4.57 2.68 3.45 85760 110400 6.44 4.10 5.37 131200 171840											

** SUMMARY FOR OFFICE: ID-048											
ID-048 DE	0.60 40-60%	0.00	0	0	1.41	0.85	0.34	0.51	10880	16320	
ID-048 DM	1.55 70-90%	1.06	34560	44800	1.41	2.19	1.53	1.97	48560	63040	
ID-048 DA	1.59 70-90%	1.11	35520	45760	1.41	2.24	1.57	2.02	50240	64640	
ID-048 DO	1.07 60-80%	0.64	20480	27520	1.41	1.51	0.51	1.21	29120	36720	
ID-048 DI	0.25 60-70%	0.15	4800	5440	1.41	0.35	0.21	0.25	6720	8000	
** Subtotal **											
5.06 2.98 3.86 95360 123520 7.13 4.56 5.96 145920 190720											

** SUMMARY FOR OFFICE: ID-050											
ID-050 DE	1.18 40-60%	0.00	0	0	1.41	1.66	0.67	1.00	21440	32000	
ID-050 DM	3.36 70-90%	2.35	75200	96640	1.41	4.74	3.32	4.26	106240	136320	
ID-050 DA	0.89 70-90%	0.62	19840	25600	1.41	1.25	0.88	1.13	28160	36160	
ID-050 DO	1.97 60-80%	1.18	37760	50560	1.41	2.78	1.67	2.22	60440	71040	
ID-050 DI	0.78 60-70%	0.47	15040	17600	1.41	1.10	0.66	0.77	21120	24540	
** Subtotal **											
8.18 4.62 5.95 147340 190400 11.53 7.20 9.36 230400 300160											

** SUMMARY FOR OFFICE: ID-056											
ID-056 DE	0.44 40-60%	0.00	0	0	1.41	0.62	0.25	0.37	8000	11840	
ID-056 DM	1.05 70-90%	0.76	24320	31360	1.41	1.54	1.08	1.38	34560	44160	
ID-056 DA	1.59 70-90%	1.11	35520	45760	1.41	2.24	1.57	2.02	50240	64640	

10/30/86

SPREADSHEET C: BENEFITS

STATE: IDAHO

OFFICE AUTO CODE	FY85 W/Y CAPABILITY AUTO. CAP. FOR OFFICE AUTO. CAP.	% TIME SAVED FOR AUTO. CAP.	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ SAVED BY AUTO. CAP.	HIGH FY85 \$ SAVED BY AUTO. CAP.	TREND FACTOR FOR OFFICE	FY96 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY96 W/Y SAVED FOR AUTO. CAP.	HIGH FY96 W/Y SAVED FOR AUTO. CAP.	LOW FY96 \$ SAVED BY AUTO. CAP.	HIGH FY96 \$ SAVED BY AUTO. CAP.
ID-056 DO	0.91 60-80%	0.55	0.73	17600	23360	1.41	1.29	0.77	1.03	24640	32960	
ID-056 DI	0.16 60-70%	0.10	0.11	3200	3520	1.41	0.23	0.14	0.16	4480	5120	
** Subtotal **	4.19	2.52	3.25	80640	104000		5.91	3.81	4.96	121920	158720	
** SUMMARY FOR OFFICE: ID-057												
ID-057 DE	0.54 40-60%	0.00	0.00	0	0	1.41	0.76	0.30	0.46	9600	14720	
ID-057 IM	1.15 70-90%	0.80	1.03	25600	32960	1.41	1.62	1.14	1.46	36480	46720	
ID-057 BA	1.56 70-90%	1.09	1.40	34880	44800	1.41	2.20	1.54	1.98	49280	63360	
ID-057 FO	0.95 60-80%	0.57	0.76	18240	24320	1.41	1.34	0.80	1.07	25600	34240	
ID-057 DI	0.18 60-70%	0.11	0.13	3520	4160	1.41	0.25	0.15	0.18	4800	5760	
** Subtotal **	4.38	2.57	3.32	82240	106240		6.18	3.93	5.15	125760	164800	
** SUMMARY FOR OFFICE: ID-060												
ID-060 DE	0.37 40-60%	0.00	0.00	0	0	1.41	0.52	0.21	0.31	6720	9920	
ID-060 IM	1.54 70-90%	1.08	1.39	34560	44800	1.41	2.17	1.52	1.95	48640	62400	
ID-060 BA	1.46 70-90%	1.02	1.31	32640	41920	1.41	2.06	1.44	1.85	46080	59200	
ID-060 FO	0.99 60-80%	0.59	0.79	18680	25280	1.41	1.40	0.84	1.12	26880	35840	
ID-060 DI	0.35 60-70%	0.21	0.24	6720	7680	1.41	0.49	0.30	0.35	9600	11200	
** Subtotal **	4.71	2.90	3.73	92800	119360		6.64	4.31	5.58	137920	175560	
** SUMMARY FOR OFFICE: ID-066												
ID-066 DE	0.01 40-60%	0.00	0.00	0	0	1.41	0.01	0.01	0.01	520	320	

SPREADSHEET C: BENEFITS

STATE: ILLINOIS

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ CAP. SAVED BY OFFICE	HIGH FY85 \$ CAP. SAVED BY OFFICE	TREND FACTOR FOR OFFICE	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ CAP. SAVED BY OFFICE	HIGH FY86 \$ CAP. SAVED BY OFFICE
ID-066 DM	0.55 70-90%	0.39	0.50	1.41	12480	16000	1.41	0.73	0.54	17280	22400
ID-066 DA	1.14 70-90%	0.80	1.03	1.41	25600	32960	1.41	1.61	1.10	36160	46400
ID-066 DD	0.24 60-80%	0.14	0.19	1.41	4480	6080	1.41	0.34	0.20	6400	8640
ID-066 DI	0.04 60-70%	0.02	0.03	1.41	640	960	1.41	0.06	0.03	960	1280
** Subtotal **	1.93	1.35	1.75	43200	56000	56000	2.79	2.47	1.91	61120	79040
** SUMMARY FOR OFFICE: ID-067											
ID-067 DE	0.07 40-60%	0.00	0.00	0	0	0	1.41	0.10	0.04	1280	1920
ID-067 DM	0.83 70-90%	0.58	0.75	18560	24000	24000	1.41	1.17	0.82	26240	33600
ID-067 DA	0.99 70-90%	0.69	0.89	22080	28480	28480	1.41	1.40	0.98	31760	40320
ID-067 DD	0.57 60-80%	0.34	0.46	10880	14720	14720	1.41	0.80	0.48	15360	20480
ID-067 DI	0.12 60-70%	0.07	0.03	2240	2560	2560	1.41	0.17	0.10	1280	1600
** Subtotal **	2.58	1.68	2.18	53760	69760	69760	3.64	3.13	2.42	77440	100160
** SUMMARY FOR OFFICE: ID-900											
ID-900 DE	3.61 40-60%	0.00	0.00	0	0	0	1.41	5.09	2.04	65280	97600
ID-900 DM	9.27 70-90%	6.49	8.34	207680	266880	266880	1.41	13.07	9.15	292800	376320
ID-900 DA	8.22 70-90%	5.75	7.40	184000	236800	236800	1.41	11.59	8.11	259520	333760
ID-900 DD	5.15 60-80%	3.09	4.12	98880	131840	131840	1.41	7.26	4.06	133520	169920
ID-900 DI	1.60 60-70%	0.96	1.12	30720	35840	35840	1.41	2.26	1.35	43200	56000
** Subtotal **	27.85	16.29	20.98	521280	671040	671040	53.27	32.63	25.01	800320	1044160

SPREADSHEET C: BENEFITS

STATE: IDAHO

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. FOR OFFICE	% TIME SAVED FOR CAP. AUTO.	LOW FY85 W/Y SAVED FOR CAP. AUTO.	HIGH FY85 W/Y SAVED FOR CAP. AUTO.	LOW FY85 W/Y SAVED BY CAP. AUTO.	HIGH FY85 W/Y SAVED BY CAP. AUTO.	FACTOR FOR OFFICE	TREND OFFICE	FY96 W/Y CAP. AUTO. FOR OFFICE	LOW FY96 W/Y SAVED FOR CAP. AUTO.	HIGH FY96 W/Y SAVED FOR CAP. AUTO.	LOW FY96 W/Y SAVED BY CAP. AUTO.	HIGH FY96 W/Y SAVED BY CAP. AUTO.
*** Total ***	139.09	82.25	105.92	2632000	3389440	196.12	125.01	162.85	4000320	5211300			

SPREADSHEET C: BENEFITS

STATE: MONTANA

OFFICE AUTO FY85 W/Y X TIME LOW FY85 W/Y HIGH FY85 W/Y LOW FY85 \$ HIGH FY85 \$ TREND FY86 W/Y LOW FY86 W/Y HIGH FY86 W/Y LOW FY86 \$ HIGH FY86 \$
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** SUMMARY FOR OFFICE: MT-020

MT-020 DE	0.62 40-60X	0.00	0.00	0	0	1.41	1.16	0.46	0.69	14720	22080
MT-020 DM	3.76 70-90X	2.63	3.38	84160	108160	1.41	5.30	3.71	4.77	118720	152640
MT-020 DA	2.58 70-90X	1.81	2.32	57920	74240	1.41	3.64	2.55	3.27	81600	104640
MT-020 DO	1.71 60-80X	1.03	1.37	32960	43840	1.41	2.41	1.45	1.93	46400	61760
MT-020 DI	0.71 60-70X	0.43	0.50	13760	16000	1.41	1.00	0.60	0.70	19200	22400
** Subtotal **	9.58	5.90	7.57	186800	242240	13.51	8.77	11.36		280640	363520

** SUMMARY FOR OFFICE: MT-025

MT-025 DE	0.37 40-60X	0.00	0.00	0	0	1.41	0.52	0.21	0.31	6720	9920
MT-025 DM	1.37 70-90X	0.96	1.23	30720	39360	1.41	1.93	1.35	1.74	43200	55680
MT-025 DA	0.90 70-90X	0.63	0.81	20160	25920	1.41	1.27	0.89	1.14	28480	36480
MT-025 DO	0.82 60-80X	0.49	0.66	15680	21120	1.41	1.16	0.69	0.92	22080	29440
MT-025 DI	0.25 60-70X	0.15	0.17	4800	5440	1.41	0.35	0.21	0.25	6720	8000
** Subtotal **	3.71	2.23	2.87	71360	91840	5.23	3.35	4.36		107200	139520

** SUMMARY FOR OFFICE: MT-026

MT-026 DE	0.26 40-60X	0.00	0.00	0	0	1.41	0.37	0.15	0.22	4800	7040
MT-026 DM	0.95 70-90X	0.66	0.85	21120	27200	1.41	1.34	0.94	1.21	30080	38720
MT-026 DA	0.74 70-90X	0.52	0.67	16640	21440	1.41	1.04	0.73	0.94	23360	30080
MT-026 DO	0.58 60-80X	0.35	0.46	11200	14720	1.41	0.82	0.49	0.65	15680	20800
MT-026 DI	0.17 60-70X	0.10	0.12	3200	3840	1.41	0.24	0.14	0.17	4480	5440

SPREADSHEET C: BENEFITS

STATE: MONTANA

OFFICE AUTO CODE	FY85 W/Y CAPABILITY AUTO, CAP. FOR OFFICE	% TIME AUTO, CAP.	LOW FY85 W/Y SAVED FOR AUTO, CAP.	HIGH FY85 W/Y SAVED FOR AUTO, CAP.	LOW FY85 \$ SAVED BY AUTO, CAP.	HIGH FY85 \$ SAVED BY OFFICE	TREND FY86 W/Y CAP. FOR OFFICE	LOW FY86 W/Y SAVED FOR AUTO, CAP.	HIGH FY86 W/Y SAVED FOR AUTO, CAP.	LOW FY86 \$ SAVED BY AUTO, CAP.	HIGH FY86 \$ SAVED BY AUTO, CAP.
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** Subtotal **

2.70	1.63	2.10	52160	67200	3.81	2.45	3.19	78400	102080
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** SUMMARY FOR OFFICE: MT-027

MT-027 DE	0.15	40-60%	0.00	0.00	0	1.41	0.21	0.08	0.13	2560	4160
MT-027 DM	0.72	70-90%	0.50	0.65	16000	1.41	1.02	0.71	0.91	22720	29120
MT-027 DA	0.26	70-90%	0.18	0.23	5760	1.41	0.37	0.26	0.33	8320	10560
MT-027 DO	0.43	60-80%	0.26	0.34	8320	1.41	0.61	0.36	0.49	11520	15680
MT-027 DI	0.09	60-70%	0.05	0.06	1600	1.41	0.13	0.08	0.09	2560	2880

** Subtotal **

1.65	0.99	1.28	31680	40960	2.33	1.49	1.95	47680	62400
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** SUMMARY FOR OFFICE: MT-028

MT-028 DE	0.24	40-60%	0.00	0.00	0	1.41	0.34	0.14	0.20	4480	6400
MT-028 DM	0.80	70-90%	0.56	0.72	17920	1.41	1.13	0.79	1.02	25280	32640
MT-028 DA	0.55	70-90%	0.39	0.50	12480	1.41	0.78	0.54	0.70	17280	22400
MT-028 DO	0.55	60-80%	0.33	0.44	10560	1.41	0.78	0.47	0.62	15040	19840
MT-028 DI	0.15	60-70%	0.09	0.10	2880	1.41	0.21	0.13	0.15	4160	4800

** Subtotal **

2.29	1.37	1.76	43840	56320	3.23	2.07	2.69	66240	86080
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** SUMMARY FOR OFFICE: MT-030

MT-030 DE	0.49	40-60%	0.00	0.00	0	1.41	0.69	0.28	0.41	8960	13120
MT-030 DM	2.02	70-90%	1.41	1.82	45120	1.41	2.85	1.99	2.56	63680	81920
MT-030 DA	0.74	70-90%	0.52	0.67	16640	1.41	1.04	0.73	0.94	23360	30080

10/28/86

SPREADSHEET C: BENEFITS

STATE: MONTANA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED BY AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED BY AUTO. CAP.	TREND FACTOR FOR OFFICE	FY96 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY96 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY96 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY96 \$ CAP. SAVED BY AUTO. CAP.	HIGH FY96 \$ CAP. SAVED BY AUTO. CAP.
MT-030 DO	1.77 60-80%		1.06	1.42	33920	45440	1.41	2.50	1.50	2.00	48000	64000
MT-030 DI	0.41 60-70%		0.25	0.29	8000	9280	1.41	0.58	0.35	0.40	11200	12800
** Subtotal **	5.43		3.24	4.20	103680	134400		7.66	4.85	6.31	155200	201920
** SUMMARY FOR OFFICE: MT-060												
MT-060 DE	0.91 40-60%		0.00	0.00	0	0	1.41	1.28	0.51	0.77	16320	24640
MT-060 DM	4.74 70-90%		3.32	4.27	106240	136640	1.41	6.68	4.68	6.02	149760	192640
MT-060 DA	2.69 70-90%		1.88	2.42	60160	77440	1.41	3.79	2.66	3.41	85120	109120
MT-060 DO	2.14 60-80%		1.28	1.71	40960	54720	1.41	3.02	1.81	2.41	57920	77120
MT-060 DI	1.08 60-70%		0.65	0.76	20800	24320	1.41	1.52	0.91	1.07	29120	34240
** Subtotal **	11.56		7.13	9.16	228160	293120		16.30	10.57	13.68	338240	437760
** SUMMARY FOR OFFICE: MT-065												
MT-065 DE	0.11 40-60%		0.00	0.00	0	0	1.41	0.16	0.06	0.09	1920	2880
MT-065 DM	0.28 70-90%		0.20	0.25	6400	8000	1.41	0.39	0.28	0.36	8960	11520
MT-065 DA	0.24 70-90%		0.17	0.22	5440	7040	1.41	0.34	0.24	0.30	7680	9600
MT-065 DO	0.11 60-80%		0.07	0.09	2240	2880	1.41	0.16	0.09	0.12	2880	3840
MT-065 DI	0.04 60-70%		0.02	0.03	640	960	1.41	0.06	0.03	0.04	960	1280
** Subtotal **	0.78		0.46	0.59	14720	18880		1.10	0.70	0.91	22400	29120
** SUMMARY FOR OFFICE: MT-066												
MT-066 DE	0.18 40-60%		0.00	0.00	0	0	1.41	0.25	0.10	0.15	3200	4800

SPREADSHEET C: BENEFITS

STATE: MONTANA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	FY86 W/Y CAP. SAVED BY AUTO. CAP.	LOW FY86 W/Y CAP. SAVED BY AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED BY AUTO. CAP.
MT-066 DM	0.40	70-90%	0.28	0.36	8960	11520	1.41	0.56	0.39	0.51	12480	16320
MT-066 DA	0.39	70-90%	0.27	0.35	8640	11200	1.41	0.55	0.38	0.49	12160	15680
MT-066 DU	0.27	60-80%	0.16	0.22	5120	7040	1.41	0.38	0.23	0.30	7360	9600
MT-066 DI	0.06	60-70%	0.04	0.04	1280	1280	1.41	0.08	0.05	0.06	1600	1920
** Subtotal **	1.30		0.75	0.97	24000	31040		1.83	1.15	1.51	36800	48320
** SUMMARY FOR OFFICE: MT-067												
MT-067 DE	0.23	40-60%	0.00	0.00	0	0	1.41	0.32	0.13	0.19	4160	6080
MT-067 DM	0.53	70-90%	0.37	0.48	11840	15360	1.41	0.75	0.52	0.67	16640	21440
MT-067 DA	0.59	70-90%	0.41	0.53	13120	16960	1.41	0.83	0.58	0.75	18560	24000
MT-067 DU	0.47	60-80%	0.28	0.38	8960	12160	1.41	0.66	0.40	0.53	12800	16960
MT-067 DI	0.08	60-70%	0.05	0.06	1600	1920	1.41	0.11	0.07	0.08	2240	2560
** Subtotal **	1.90		1.11	1.45	35520	46400		2.68	1.70	2.22	54400	71040
** SUMMARY FOR OFFICE: MT-068												
MT-068 DE	0.24	40-60%	0.00	0.00	0	0	1.41	0.34	0.14	0.20	4480	6400
MT-068 DM	1.04	70-90%	0.73	0.94	23360	30080	1.41	1.47	1.03	1.32	32960	42240
MT-068 DA	0.77	70-90%	0.54	0.69	17280	22080	1.41	1.09	0.76	0.98	24320	31360
MT-068 DU	0.57	60-80%	0.34	0.46	10880	14720	1.41	0.80	0.48	0.64	15360	20480
MT-068 DI	0.20	60-70%	0.12	0.14	3840	4480	1.41	0.28	0.17	0.20	5440	6400
** Subtotal **	2.82		1.73	2.23	55360	71360		3.98	2.58	3.34	82560	105680

SPREADSHEET C: BENEFITS

STATE: MONTANA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	* TIME CAP. SAVED FOR FOR OFFICE AUTO. CAP.	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ HIGH FY85 \$ TREND SAVED BY AUTO. CAP.	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y SAVED FOR AUTO. CAP.	HIGH FY86 W/Y SAVED FOR AUTO. CAP.	LOW FY86 \$ HIGH FY86 \$ SAVED BY AUTO. CAP.
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** SUMMARY FOR OFFICE: MT-069

MT-069 DE	0.13 40-60%	0.00	0.00	0	0	1.41	0.16	0.07	0.11	2240	3520
MT-069 DM	0.42 70-90%	0.29	0.38	9280	12160	1.41	0.59	0.41	0.53	13120	16960
MT-069 DA	0.42 70-90%	0.29	0.38	9280	12160	1.41	0.59	0.41	0.53	13120	16960
MT-069 DO	0.19 60-80%	0.11	0.15	3520	4800	1.41	0.27	0.16	0.21	5120	6720
MT-069 DI	0.05 60-70%	0.03	0.03	960	560	1.41	0.07	0.04	0.05	1280	1600
** Subtotal **	1.21	0.72	0.94	23040	30080		1.71	1.09	1.43	34880	45760

** SUMMARY FOR OFFICE: MT-070

MT-070 DE	1.64 40-60%	0.00	0.00	0	0	1.41	2.59	1.04	1.56	33280	49920
MT-070 DM	4.76 70-90%	3.33	4.28	106560	136960	1.41	6.71	4.70	6.04	150400	193280
MT-070 DA	1.06 70-90%	0.74	0.95	23680	30400	1.41	1.49	1.05	1.35	33600	43200
MT-070 DO	2.98 60-80%	1.79	2.38	57280	76160	1.41	4.20	2.52	3.36	80640	107520
MT-070 DI	1.08 60-70%	0.65	0.76	20800	24320	1.41	1.52	0.91	1.07	29120	34240
** Subtotal **	11.72	6.51	8.37	208320	267840		16.53	10.22	13.38	327040	428160

** SUMMARY FOR OFFICE: MT-075

MT-075 DE	0.33 40-60%	0.00	0.00	0	0	1.41	0.47	0.19	0.28	6080	8960
MT-075 DM	0.71 70-90%	0.50	0.64	16000	20480	1.41	1.00	0.70	0.90	22400	28800
MT-075 DA	1.54 70-90%	1.08	1.39	34560	44480	1.41	2.17	1.52	1.95	48640	62400
MT-075 DO	0.59 60-80%	0.35	0.47	11200	15040	1.41	0.83	0.50	0.67	16000	21440
MT-075 DI	0.08 60-70%	0.05	0.06	1600	1920	1.41	0.11	0.07	0.08	2240	2560

10/28/86

SPREADSHEET C: BENEFITS

STATE: MONTANA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	* TIME CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED BY AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED BY AUTO. CAP.
** Subtotal **								
	3.25		1.98	2.56	63360	81920	4.56	124160
** SUMMARY FOR OFFICE: MT-076								
MT-076 DE	0.21 40-60%		0.00	0.00	0	0	1.41	5760
MT-076 DM	0.80 70-90%		0.56	0.72	17920	23040	1.41	32640
MT-076 DA	0.86 70-90%		0.60	0.77	19200	24640	1.41	34880
MT-076 DO	0.33 60-80%		0.20	0.26	6400	8320	1.41	11840
MT-076 DI	0.10 60-70%		0.06	0.07	1920	2240	1.41	3200
** Subtotal **								
	2.30		1.42	1.82	45440	58240	3.24	88320
** SUMMARY FOR OFFICE: MT-077								
MT-077 DE	0.79 40-60%		0.00	0.00	0	0	1.41	21440
MT-077 DM	2.79 70-90%		1.95	2.51	62400	80320	1.41	113280
MT-077 DA	2.05 70-90%		1.43	1.84	45760	58880	1.41	83200
MT-077 DO	1.62 60-80%		0.97	1.30	31040	41600	1.41	58560
MT-077 DI	0.50 60-70%		0.30	0.35	9600	11200	1.41	15680
** Subtotal **								
	7.75		4.65	6.00	148800	192000	10.93	292160
** SUMMARY FOR OFFICE: MT-900								
MT-900 DE	4.11 40-60%		0.00	0.00	0	0	1.41	11360
MT-900 DM	15.44 70-90%		10.81	13.90	345920	444800	1.41	626880
MT-900 DA	13.16 70-90%		9.21	11.84	294720	378880	1.41	534400

SPREADSHEET C: BENEFITS

STATE: MONTANA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	* TIME	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ TREND SAVED BY OFFICE	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ HIGH FY86 \$ SAVED BY OFFICE AUTO. CAP.	HIGH FY86 \$ SAVED BY OFFICE AUTO. CAP.		
MT-900 DO	6.45	60-80%	3.87	5.16	123840	165120	1.41	9.09	5.46	7.28	174720	232960
MT-900 DI	2.61	60-70%	1.57	1.83	50240	58560	1.41	3.68	2.21	2.58	70720	82560
** Subtotal **	41.77		25.46	32.73	814720	1047360		58.90	38.22	49.63	1223040	1588160
*** Total ***	111.72		67.28	86.60	2152960	2771200		157.53	101.32	131.73	3242240	4215360

SPREADSHEET C: BENEFITS

STATE: NEVADA

OFFICE AUTO FY85 W/Y Z TIME LOW FY85 W/Y HIGH FY85 W/Y LOW FY85 \$ TREND FY96 W/Y HIGH FY96 W/Y LOW FY96 \$ HIGH FY96 \$
CODE CAPABILITY AUTO. CAP. SAVED FOR SAVED FOR SAVED BY SAVED BY SAVED BY SAVED BY SAVED BY SAVED BY
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SUMMARY FOR OFFICE: NV-010

NV-010 DE	1.32 40-60%	0.00	0.00	0	0	1.41	1.86	0.74	1.12	23680	35840
NV-010 DM	5.77 70-90%	4.04	5.19	129280	166080	1.41	8.14	5.69	7.32	182080	234240
NV-010 DA	0.96 70-90%	0.67	0.86	21440	27520	1.41	1.35	0.95	1.22	30400	39040
NV-010 DD	2.85 60-80%	1.71	2.28	54720	72960	1.41	4.02	2.41	3.21	77120	102720
NV-010 DI	1.34 60-70%	0.80	0.94	25600	30080	1.41	1.89	1.13	1.32	36160	42240
## Subtotal ##	12.24	7.22	9.27	231040	296640		17.26	10.92	14.19	349440	454080

SUMMARY FOR OFFICE: NV-016

NV-016 DE	1.19 40-60%	0.00	0.00	0	0	1.41	1.68	0.67	1.01	21440	32320
NV-016 DM	2.45 70-90%	1.72	2.21	55040	70720	1.41	3.45	2.42	3.11	77440	99520
NV-016 DA	3.19 70-90%	2.23	2.87	71360	91840	1.41	4.50	3.15	4.05	100800	129600
NV-016 DD	2.07 60-80%	1.24	1.66	39680	53120	1.41	2.92	1.75	2.33	56000	74560
NV-016 DI	0.39 60-70%	0.23	0.27	7360	8640	1.41	0.55	0.33	0.38	10560	12160
## Subtotal ##	9.29	5.42	7.01	173440	224320		13.10	8.32	10.88	266240	348160

SUMMARY FOR OFFICE: NV-017

NV-017 DE	1.28 40-60%	0.00	0.00	0	0	1.41	1.80	0.72	1.08	23040	34560
NV-017 DM	2.56 70-90%	1.79	2.30	57280	73600	1.41	3.61	2.53	3.25	80960	104000
NV-017 DA	3.37 70-90%	2.36	3.03	75520	98960	1.41	4.75	3.33	4.28	106560	136960
NV-017 DD	2.07 60-80%	1.24	1.66	39680	53120	1.41	2.92	1.75	2.33	56000	74560
NV-017 DI	0.40 60-70%	0.24	0.28	7680	8960	1.41	0.56	0.34	0.39	10880	12480

01/01/80

SPREADSHEET C: BENEFITS

STATE: NEVADA

OFFICE AUTO CODE	FY85 W/Y CAP. SAVER FOR OFFICE AUTO.	Z TIME CAP. SAVER FOR OFFICE AUTO.	LOW FY85 W/Y CAP. SAVER FOR OFFICE AUTO.	HIGH FY85 W/Y CAP. SAVER FOR OFFICE AUTO.	LOW FY85 \$ CAP. SAVER FOR OFFICE	HIGH FY85 \$ CAP. SAVER FOR OFFICE	TREND FACTOR	FY96 W/Y CAP. SAVER FOR OFFICE	LOW FY96 W/Y CAP. SAVER FOR OFFICE	HIGH FY96 W/Y CAP. SAVER FOR OFFICE	LOW FY96 \$ CAP. SAVER FOR OFFICE	HIGH FY96 \$ CAP. SAVER FOR OFFICE
9.68	5.63	7.27	180160	232640	13.65	8.67	11.33	277440	362560			
## Subtotal ##												
## SUMMARY FOR OFFICE: NV-020												
NV-020 DE	0.69	40-60%	0	0	1.41	0.97	0.39	0.58	12480	18560		
NV-020 DM	3.25	70-90%	72640	93760	1.41	4.58	3.21	4.12	102720	131840		
NV-020 DA	0.82	70-90%	18240	23680	1.41	1.16	0.81	1.04	25920	33280		
NV-020 DO	1.49	60-80%	28480	38080	1.41	2.10	1.26	1.68	40320	53760		
NV-020 DI	0.70	60-70%	13440	15680	1.41	0.99	0.59	0.69	18880	22080		
## Subtotal ##	6.95		132800	171200	9.80	6.26	8.11	200320	259520			
## SUMMARY FOR OFFICE: NV-026												
NV-026 DE	1.00	40-60%	0	0	1.41	1.41	0.56	0.85	17920	27200		
NV-026 DM	2.42	70-90%	54080	69760	1.41	3.41	2.39	3.07	76480	98240		
NV-026 DA	2.86	70-90%	64000	82240	1.41	4.03	2.82	3.63	90240	116160		
NV-026 DO	1.96	60-80%	37760	50240	1.41	2.76	1.66	2.21	53120	70720		
NV-026 DI	0.40	60-70%	7680	8960	1.41	0.56	0.34	0.39	10880	12480		
## Subtotal ##	8.64		163520	211200	12.18	7.77	10.15	248640	324800			
## SUMMARY FOR OFFICE: NV-027												
NV-027 DE	0.78	40-60%	0	0	1.41	1.10	0.44	0.66	14080	21120		
NV-027 DM	2.52	70-90%	56320	72640	1.41	3.55	2.49	3.20	79680	102400		
NV-027 DA	2.19	70-90%	48960	63040	1.41	3.09	2.16	2.78	69120	88960		

SPREADSHEET C: BENEFITS

STATE: NEVADA

OFFICE AUTO FY85 W/Y % TIME LOW FY85 W/Y HIGH FY85 W/Y LOW FY85 \$ TREND FY96 W/Y LOW FY96 W/Y HIGH FY96 W/Y LOW FY96 \$ HIGH FY96 \$
CODE CAPABILITY AUTO. CAP. SAVED FOR SAVED FOR SAVED FOR SAVED FOR SAVED FOR SAVED BY FACTOR FOR AUTO. CAP. SAVED FOR SAVED BY SAVED BY
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NV-027 D0 1.61 60-80% 0.97 1.29 31040 41280 1.41 2.27 1.36 1.82 43520 58240
NV-027 DI 0.45 60-70% 0.27 0.32 8640 10240 1.41 0.63 0.38 0.44 12160 14080
** Subtotal ** 7.55 4.53 5.85 144960 187200 10.65 6.83 8.90 218560 284800

** SUMMARY FOR OFFICE: NV-030

NV-030 DE 1.14 40-60% 0.00 0.00 0 0 1.41 1.61 0.64 0.96 20480 30720
NV-030 DM 4.50 70-90% 3.15 4.05 100800 129600 1.41 6.34 4.44 5.71 142080 182720
NV-030 DA 0.80 70-90% 0.56 0.72 17920 23040 1.41 1.13 0.79 1.02 25280 32640
NV-030 D0 2.39 60-80% 1.43 1.91 45760 61120 1.41 3.37 2.02 2.70 64640 86400
NV-030 DI 1.04 60-70% 0.62 0.73 19840 23360 1.41 1.47 0.88 1.03 28160 32960
** Subtotal ** 9.87 5.76 7.41 184320 237120 13.92 8.77 11.42 280640 365440

** SUMMARY FOR OFFICE: NV-036

NV-036 DE 0.56 40-60% 0.00 0.00 0 0 1.41 0.79 0.32 0.47 10240 15040
NV-036 DM 2.41 70-90% 1.69 2.17 54080 69440 1.41 3.40 2.38 3.06 76160 97920
NV-036 DA 1.18 70-90% 0.83 1.06 26560 33920 1.41 1.66 1.16 1.50 37120 48000
NV-036 D0 1.16 60-80% 0.70 0.93 22400 29760 1.41 1.64 0.98 1.31 31360 41920
NV-036 DI 0.47 60-70% 0.28 0.33 8960 10560 1.41 0.66 0.40 0.46 12800 14720
** Subtotal ** 5.78 3.50 4.49 112000 143680 8.15 5.24 6.80 167680 217600

** SUMMARY FOR OFFICE: NV-037

NV-037 DE 0.56 40-60% 0.00 0.00 0 0 1.41 0.79 0.32 0.47 10240 15040

SPREADSHEET C: BENEFITS

STATE: NEVADA

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. FOR OFFICE	Z TIME W/Y AUTO. CAP. AUTO. FOR OFFICE	LOW FY85 W/Y SAVED FOR CAP. AUTO. CAP. AUTO.	HIGH FY85 W/Y SAVED FOR CAP. AUTO. CAP. AUTO.	LOW FY85 \$ TREND SAVED BY CAP. AUTO.	HIGH FY85 \$ TREND SAVED BY CAP. AUTO.	FY96 W/Y FOR OFFICE	LOW FY96 W/Y SAVED FOR CAP. AUTO.	HIGH FY96 W/Y SAVED FOR CAP. AUTO.	LOW FY96 \$ HIGH FY96 \$ SAVED BY CAP. AUTO.	HIGH FY96 \$ HIGH FY96 \$ SAVED BY CAP. AUTO.
NV-037 DM	2.26 70-90%	1.58	2.03	50560	64960	1.41	3.19	2.23	2.87	71360	91840
NV-037 DA	1.33 70-90%	0.93	1.20	29760	38400	1.41	1.88	1.31	1.69	41920	54080
NV-037 DO	1.14 60-80%	0.68	0.91	21760	29120	1.41	1.61	0.96	1.29	30720	41280
NV-037 DI	0.43 60-70%	0.26	0.30	8320	9600	1.41	0.61	0.36	0.42	11520	13440
## Subtotal ##	5.72	3.45	4.44	110400	142080		8.07	5.18	6.74	165760	215680
## SUMMARY FOR OFFICE: NV-040											
NV-040 DE	0.49 40-60%	0.00	0.00	0	0	1.41	0.69	0.28	0.41	8960	13120
NV-040 DM	4.48 70-90%	3.14	4.03	100480	128960	1.41	6.32	4.42	5.69	141440	182080
NV-040 DA	0.96 70-90%	0.67	0.86	21440	27520	1.41	1.35	0.95	1.22	30400	39040
NV-040 DO	1.90 60-80%	1.14	1.52	36480	48640	1.41	2.68	1.61	2.14	51520	68480
NV-040 DI	0.98 60-70%	0.59	0.69	18880	22080	1.41	1.38	0.83	0.97	26560	31040
## Subtotal ##	8.81	5.54	7.10	177280	227200		12.42	8.09	10.43	258880	333760
## SUMMARY FOR OFFICE: NV-046											
NV-046 DE	0.81 40-60%	0.00	0.00	0	0	1.41	1.14	0.46	0.69	14720	22080
NV-046 DM	2.22 70-90%	1.55	2.00	49600	64000	1.41	3.13	2.19	2.82	70080	90240
NV-046 DA	2.16 70-90%	1.51	1.94	48320	62080	1.41	3.05	2.13	2.74	68160	87680
NV-046 DO	1.45 60-80%	0.87	1.16	27840	37120	1.41	2.04	1.23	1.64	39360	52480
NV-046 DI	0.39 60-70%	0.23	0.27	7360	8640	1.41	0.55	0.33	0.38	10560	12160
## Subtotal ##	7.03	4.16	5.37	133120	171840		9.91	6.34	8.27	202880	264640

SPREADSHEET C: BENEFITS

STATE: NEVADA

OFFICE AUTO FY85 W/Y Z TIME LOW FY85 W/Y HIGH FY85 W/Y LOW FY85 \$ TREND FY96 W/Y LOW FY96 W/Y HIGH FY96 \$ HIGH FY96 \$
CODE CAPABILITY AUTO. CAP. SAVED FOR SAVED FOR SAVED BY SAVED BY FACTOR FOR AUTO. CAP. SAVED FOR SAVED BY SAVED BY
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SUMMARY FOR OFFICE: NV-047

NV-047 DE	0.88 40-60Z	0.00	0.00	0	0	1.41	1.24	0.50	0.74	16000	23680
NV-047 DM	1.92 70-90Z	1.34	1.73	42880	55360	1.41	2.71	1.90	2.44	60800	78080
NV-047 DA	2.36 70-90Z	1.65	2.12	52800	67840	1.41	3.33	2.33	2.99	74560	95680
NV-047 DO	1.44 60-80Z	0.86	1.15	27520	36800	1.41	2.03	1.22	1.62	39040	51840
NV-047 DI	0.30 60-70Z	0.18	0.21	5760	6720	1.41	0.42	0.25	0.30	8000	9600
## Subtotal ##	6.90	4.03	5.21	128960	166720		9.73	6.20	8.09	198400	258880

SUMMARY FOR OFFICE: NV-050

NV-050 DE	0.63 40-60Z	0.00	0.00	0	0	1.41	0.89	0.36	0.53	11520	16960
NV-050 DM	0.87 70-90Z	0.61	0.78	19520	24960	1.41	1.23	0.86	1.10	27520	35200
NV-050 DA	1.39 70-90Z	0.97	1.25	31040	40000	1.41	1.96	1.37	1.76	43840	56320
NV-050 DO	1.37 60-80Z	0.82	1.10	26240	35200	1.41	1.93	1.16	1.55	37120	49600
NV-050 DI	0.16 60-70Z	0.10	0.11	3200	3520	1.41	0.23	0.14	0.16	4480	5120
## Subtotal ##	4.42	2.50	3.24	80000	103680		6.23	3.89	5.10	124480	163200

SUMMARY FOR OFFICE: NV-056

NV-056 DE	0.17 40-60Z	0.00	0.00	0	0	1.41	0.24	0.10	0.14	3200	4480
NV-056 DM	1.15 70-90Z	0.80	1.03	25600	32960	1.41	1.62	1.14	1.46	36480	46720
NV-056 DA	2.64 70-90Z	1.85	2.38	59200	76160	1.41	3.72	2.61	3.35	83520	107200
NV-056 DO	1.23 60-80Z	0.74	0.98	23680	31360	1.41	1.73	1.04	1.39	33280	44480
NV-056 DI	0.13 60-70Z	0.08	0.09	2560	2880	1.41	0.18	0.11	0.13	3520	4160

SPREADSHEET C: BENEFITS

STATE: NEVADA

OFFICE AUTO CODE	FY85 W/Y CAPABILITY AUTO. FOR OFFICE	% TIME CAP. SAVED FOR OFFICE	LOW FY85 W/Y AUTO. CAP.	HIGH FY85 W/Y AUTO. CAP.	SAVED FOR OFFICE	LOW FY85 \$ CAP. AUTO.	HIGH FY85 \$ CAP. AUTO.	TREND BY OFFICE	FY96 W/Y CAP. OFFICE	LOW FY96 W/Y CAP. OFFICE	HIGH FY96 W/Y CAP. OFFICE	SAVED BY CAP. OFFICE	SAVED BY CAP. OFFICE	LOW FY96 \$ CAP. OFFICE	HIGH FY96 \$ CAP. OFFICE
** Subtotal **															
** SUMMARY FOR OFFICE: NV-057															
NV-057 DE	0.87	40-60%	0.00	0.00	0.00	0	0	0	1.41	1.23	0.49	0.74	15680	23680	207040
NV-057 DM	1.82	70-90%	1.27	1.64	40640	52480	52480	1.41	2.57	1.80	2.31	57600	73920	73920	
NV-057 DA	2.36	70-90%	1.65	2.12	52800	67840	67840	1.41	3.33	2.33	2.99	74560	95680	95680	
NV-057 DD	1.51	60-80%	0.91	1.21	29120	38720	38720	1.41	2.13	1.28	1.70	40960	54400	54400	
NV-057 DI	0.27	60-70%	0.16	0.19	5120	6080	6080	1.41	0.38	0.23	0.27	7360	8640	8640	
** Subtotal **															
** SUMMARY FOR OFFICE: NV-060															
NV-060 DE	0.77	40-60%	0.00	0.00	0	0	0	1.41	1.09	0.43	0.65	13760	20800	20800	
NV-060 DM	3.70	70-90%	2.59	3.33	82880	106560	106560	1.41	5.22	3.65	4.70	116800	150400	150400	
NV-060 DA	0.82	70-90%	0.57	0.74	18240	23680	23680	1.41	1.16	0.81	1.04	25920	33280	33280	
NV-060 DD	1.79	60-80%	1.07	1.43	34240	45760	45760	1.41	2.52	1.51	2.02	48320	64640	64640	
NV-060 DI	0.86	60-70%	0.52	0.60	16640	19200	19200	1.41	1.21	0.73	0.85	23360	27200	27200	
** Subtotal **															
** SUMMARY FOR OFFICE: NV-066															
NV-066 DE	1.00	40-60%	0.00	0.00	0	0	0	1.41	1.41	0.56	0.85	17920	27200	27200	
NV-066 DM	1.93	70-90%	1.35	1.74	43200	55680	55680	1.41	2.72	1.90	2.45	60800	78400	78400	
NV-066 DA	2.49	70-90%	1.74	2.24	55680	71680	71680	1.41	3.51	2.46	3.16	78720	101120	101120	

STATE: NEVADA

OFFICE AUTO CODE	FY85 W/Y CAPABILITY	% TIME AUTO. CAP.	LOW FY85 W/Y SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ SAVED BY OFFICE	HIGH FY85 \$ SAVED BY OFFICE	TREND FACTOR	FY96 W/Y CAP. FOR OFFICE AUTO.	LOW FY96 W/Y SAVED FOR OFFICE AUTO.	HIGH FY96 W/Y SAVED FOR OFFICE AUTO.	LOW FY96 \$ SAVED BY OFFICE	HIGH FY96 \$ SAVED BY OFFICE
NV-066 D0	1.39	60-80%	0.83	1.11	26560	35520	1.41	1.96	1.18	1.57	37760	50240
NV-066 DI	0.27	60-70%	0.16	0.19	5120	6080	1.41	0.38	0.23	0.27	7360	8640
## Subtotal ##	7.08		4.08	5.28	130560	168960		9.98	6.33	8.30	202560	265600
## SUMMARY FOR OFFICE: NV-067												
NV-067 DE	0.87	40-60%	0.00	0.00	0	0	1.41	1.23	0.49	0.74	15680	23680
NV-067 DM	2.26	70-90%	1.58	2.03	50560	64960	1.41	3.19	2.23	2.87	71360	91840
NV-067 DA	2.32	70-90%	1.62	2.09	51840	66880	1.41	3.27	2.29	2.94	73280	94080
NV-067 D0	1.58	60-80%	0.95	1.26	30400	40320	1.41	2.23	1.34	1.78	42880	56960
NV-067 DI	0.39	60-70%	0.23	0.27	7360	8640	1.41	0.55	0.33	0.38	10560	12160
## Subtotal ##	7.42		4.38	5.65	140160	180800		10.46	6.68	8.71	213760	278720
## SUMMARY FOR OFFICE: NV-900												
NV-900 DE	2.14	40-60%	0.00	0.00	0	0	1.41	3.02	1.21	1.81	38720	57920
NV-900 DM	8.80	70-90%	6.16	7.92	197120	253440	1.41	12.41	8.69	11.17	278080	357440
NV-900 DA	8.44	70-90%	5.91	7.60	189120	243200	1.41	11.90	8.33	10.71	266560	342720
NV-900 D0	4.43	60-80%	2.66	3.54	85120	113280	1.41	6.25	3.75	5.00	120000	160000
NV-900 DI	1.55	60-70%	0.93	1.08	29760	34560	1.41	2.19	1.31	1.53	41920	48960
## Subtotal ##	25.36		15.66	20.14	501120	644480		35.76	23.29	30.22	745280	967040
### Total ###	162.83		97.33	125.42	3114560	4013440		229.59	147.04	191.38	4705280	6124160

SPREADSHEET C: BENEFITS

STATE: NEW MEXICO

OFFICE AUTO CODE	FY85 W/Y CAP. SAVD BY FOR OFFICE AUTO. CAP.	* TIME CAP. SAVD BY FOR OFFICE AUTO. CAP.	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	LOW FY86 W/Y SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y SAVED BY AUTO. CAP.	HIGH FY86 W/Y SAVED BY AUTO. CAP.	LOW FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.
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** SUMMARY FOR OFFICE: NM-010

NM-010 DE	1.14	40-60%	0.00	0.00	0	0	1.41	1.61	0.64	0.96	20480	30720
NM-010 DM	7.65	70-90%	5.35	6.89	171200	220480	1.41	10.79	7.55	9.71	241600	310720
NM-010 DA	3.60	70-90%	2.52	3.24	80640	103680	1.41	5.08	3.55	4.57	113600	146240
NM-010 DO	2.48	60-80%	1.49	1.98	47680	63360	1.41	3.50	2.10	2.80	67200	89600
NM-010 DI	1.46	60-70%	0.88	1.02	28160	32640	1.41	2.06	1.24	1.44	39680	46080
** Subtotal **	16.33		10.24	13.13	327680	420160		23.03	15.08	19.48	482560	623360

** SUMMARY FOR OFFICE: NM-016

NM-016 DE	1.29	40-60%	0.00	0.00	0	0	1.41	1.82	0.73	1.09	23360	34880
NM-016 DM	6.23	70-90%	4.36	5.61	139520	179520	1.41	8.78	6.15	7.91	196800	253120
NM-016 DA	4.62	70-90%	3.23	4.16	103360	133120	1.41	6.51	4.56	5.86	145920	187520
NM-016 DO	2.85	60-80%	1.71	2.28	54720	72960	1.41	4.02	2.41	3.21	77120	102720
NM-016 DI	1.07	60-70%	0.64	0.75	20480	24000	1.41	1.51	0.91	1.06	29120	33920
** Subtotal **	16.06		9.94	12.80	318080	409600		22.64	14.76	19.13	472320	612160

** SUMMARY FOR OFFICE: NM-017

NM-017 DE	0.82	40-60%	0.00	0.00	0	0	1.41	1.16	0.46	0.69	14720	22080
NM-017 DM	2.58	70-90%	1.81	2.32	57920	74240	1.41	3.64	2.55	3.27	81600	104640
NM-017 DA	1.98	70-90%	1.39	1.78	44480	56960	1.41	2.79	1.95	2.51	62400	80320
NM-017 DO	1.56	60-80%	0.94	1.25	30080	40000	1.41	2.20	1.32	1.76	42240	56320
NM-017 DI	0.37	60-70%	0.22	0.26	7040	8320	1.41	0.52	0.31	0.37	9920	11840

SPREADSHEET C: BENEFITS

STATE: NEW MEXICO

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	% TIME CAP. SAVED FOR FOR OFFICE AUTO. CAP.	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ SAVED BY AUTO. CAP.	HIGH FY85 \$ SAVED BY AUTO. CAP.	FY96 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	LOW FY96 W/Y SAVED FOR AUTO. CAP.	HIGH FY96 W/Y SAVED FOR AUTO. CAP.	LOW FY96 \$ SAVED BY AUTO. CAP.	HIGH FY96 \$ SAVED BY AUTO. CAP.
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NM-036 D0	0.68 60-80%		0.41	0.54	13120	17280	1.41	0.96	0.58	0.77	18560	24640
NM-036 D1	0.14 60-70%		0.08	0.10	2560	3200	1.41	0.20	0.12	0.14	3840	4480
** Subtotal **	3.04		1.71	2.21	54720	70720		4.29	2.69	3.53	86080	112960

** SUMMARY FOR OFFICE: NM-037

NM-037 DE	0.35 40-60%		0.00	0.00	0	0	1.41	0.49	0.20	0.30	6400	9600
NM-037 DM	1.66 70-90%		1.16	1.49	37120	47680	1.41	2.34	1.64	2.11	52480	67520
NM-037 DA	0.55 70-90%		0.39	0.50	12480	16000	1.41	0.78	0.54	0.70	17280	22400
NM-037 D0	0.65 60-80%		0.39	0.52	12480	16640	1.41	0.92	0.55	0.73	17600	23360
NM-037 D1	0.24 60-70%		0.14	0.17	4480	5440	1.41	0.34	0.20	0.24	6400	7680
** Subtotal **	3.45		2.08	2.68	66560	85760		4.86	3.13	4.08	100160	130560

** SUMMARY FOR OFFICE: NM-038

NM-038 DE	0.61 40-60%		0.00	0.00	0	0	1.41	0.86	0.34	0.52	10880	16640
NM-038 DM	2.63 70-90%		1.84	2.37	58880	75840	1.41	3.71	2.60	3.34	83200	106880
NM-038 DA	1.08 70-90%		0.76	0.97	24320	31040	1.41	1.52	1.07	1.37	34240	43840
NM-038 D0	1.20 60-80%		0.72	0.96	23040	30720	1.41	1.69	1.02	1.35	32640	43200
NM-038 D1	0.38 60-70%		0.23	0.27	7360	8640	1.41	0.54	0.32	0.38	10240	12160
** Subtotal **	5.90		3.55	4.57	113600	146240		8.32	5.35	6.96	171200	222720

** SUMMARY FOR OFFICE: NM-040

NM-040 DE	0.30 40-60%		0.00	0.00	0	0	1.41	0.42	0.17	0.25	5440	8000
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SPREADSHEET C: BENEFITS

STATE: NEW MEXICO

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ SAVED BY AUTO. CAP.	HIGH FY85 \$ SAVED BY AUTO. CAP.	TREND FACTOR FOR OFFICE	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.
NM-040 DM	1.49	70-90X	1.04	1.34	33280	42880	1.41	2.10	1.47	1.89	47040	60480
NM-040 DA	1.49	70-90X	1.04	1.34	33280	42880	1.41	2.10	1.47	1.89	47040	60480
NM-040 DO	1.26	60-80X	0.76	1.01	24320	32320	1.41	1.78	1.07	1.42	34240	45440
NM-040 DI	0.26	60-70X	0.16	0.18	5120	5760	1.41	0.37	0.22	0.26	7040	8320
** Subtotal **	4.80		3.00	3.87	96000	125840		6.77	4.40	5.71	140800	182720
** SUMMARY FOR OFFICE: NM-047												
NM-047 DE	0.04	40-60X	0.00	0.00	0	0	1.41	0.06	0.02	0.03	640	960
NM-047 DM	0.98	70-90X	0.69	0.88	22080	28160	1.41	1.38	0.97	1.24	31040	39680
NM-047 DA	0.25	70-90X	0.17	0.23	5440	7360	1.41	0.35	0.25	0.32	8000	10240
NM-047 DO	0.41	60-80X	0.25	0.33	8000	10560	1.41	0.58	0.35	0.46	11200	14720
NM-047 DI	0.09	60-70X	0.05	0.06	1600	1920	1.41	0.13	0.08	0.09	2560	2880
** Subtotal **	1.77		1.16	1.50	37120	48000		2.50	1.67	2.14	53440	68480
** SUMMARY FOR OFFICE: NM-060												
NM-060 DE	0.50	40-60X	0.00	0.00	0	0	1.41	0.70	0.28	0.42	8960	13440
NM-060 DM	2.44	70-90X	1.71	2.20	54720	70400	1.41	3.44	2.41	3.10	77120	99200
NM-060 DA	2.07	70-90X	1.45	1.86	46400	59520	1.41	2.92	2.04	2.63	65280	84160
NM-060 DO	1.17	60-80X	0.70	0.94	22400	30080	1.41	1.65	0.99	1.32	31680	42240
NM-060 DI	0.57	60-70X	0.34	0.40	10880	12800	1.41	0.80	0.48	0.56	15360	17920
** Subtotal **	6.75		4.20	5.40	134400	172800		9.52	6.20	8.03	198400	256960

SPREADSHEET C: BENEFITS

OXLEY NEW STATE: 31615

OFFICE AUTO	FY85 W/Y	% TIME	LOW FY85 W/Y	HIGH FY85 W/Y	LOW FY85 \$	HIGH FY85 \$	TREND	FY96 W/Y	LOW FY96 W/Y	HIGH FY96 W/Y	LOW FY96 \$	HIGH FY96 \$
CODE	CAPABILITY	AUTO. CAP.	SAVED FOR	SAVED FOR	SAVED BY	SAVED BY	FACTOR	FOR AUTO. CAP.	SAVED FOR	SAVED BY	SAVED BY	SAVED BY
CODE	FOR OFFICE	AUTO. CAP.	AUTO. CAP.	AUTO. CAP.	AUTO. CAP.	AUTO. CAP.	OFFICE	FOR OFFICE	AUTO. CAP.	AUTO. CAP.	AUTO. CAP.	AUTO. CAP.

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** SUMMARY FOR OFFICE: NM-067												
NM-067 DE	0.89	40-60%	0.00	0.00	0	0	1.41	1.25	0.50	0.75	16000	24000
NM-067 DM	3.85	70-90%	2.69	3.47	86080	111040	1.41	5.43	3.80	4.89	121600	156480
NM-067 DA	2.53	70-90%	1.77	2.26	56640	72960	1.41	3.57	2.50	3.21	80000	102720
NM-067 DO	1.79	60-80%	1.07	1.43	34240	45760	1.41	2.52	1.51	2.02	48320	64640
NM-067 DI	0.65	60-70%	0.39	0.45	12460	14400	1.41	0.92	0.55	0.64	17600	20480
** Subtotal **												
	9.71		5.92	7.63	189440	244160		13.69	6.86	11.51	263520	368320

** SUMMARY FOR OFFICE: NM-900										
		0.00	0.00	0	1.41	5.70	2.28	3.42	72960	109440
NM-900 DE	4.04 40-60%			0	1.41	5.70	2.28	3.42	72960	109440
NM-900 DM	14.52 70-90%	10.16	13.07	325120	1.41	20.47	14.33	18.43	458560	589760
NM-900 DA	13.55 70-90%	9.48	12.20	303360	1.41	19.11	13.37	17.19	427840	550080
NM-900 DD	7.84 60-80%	4.70	6.27	150400	1.41	11.05	6.63	8.84	212160	282880
NM-900 DI	3.26 60-70%	1.96	2.28	62720	1.41	4.60	2.76	3.22	88320	103040

STATE: OREGON

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DR-017 DE	0.36 40-60%	0.00	0.00	0	0	1.41	0.51	0.20	0.30	6400	9600
DR-017 DM	0.88 70-90%	0.62	0.79	19840	25280	1.41	1.24	0.87	1.12	27840	35840
DR-017 DA	0.93 70-90%	0.65	0.84	20800	26880	1.41	1.31	0.92	1.18	29440	37760
DR-017 DO	0.65 60-80%	0.39	0.52	12480	16640	1.41	0.92	0.55	0.73	17600	23360
DR-017 DI	0.15 60-70%	0.09	0.10	2880	3200	1.41	0.21	0.13	0.15	4160	4800

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO, CAP.	% TIME	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO, CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO, CAP.	LOW FY85 \$ SAVED BY OFFICE AUTO, CAP.	HIGH FY85 \$ SAVED BY OFFICE AUTO, CAP.	TREND FACTOR FOR OFFICE AUTO, CAP.	FY86 W/Y CAP. SAVED FOR OFFICE AUTO, CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO, CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO, CAP.	LOW FY86 \$ SAVED BY OFFICE AUTO, CAP.	HIGH FY86 \$ SAVED BY OFFICE AUTO, CAP.
** Subtotal **												
** SUMMARY FOR OFFICE: OR-018												
OR-018 DE	0.18	40-60%	0.00	0.00	0	0	1.41	0.25	0.10	0.15	3200	4800
OR-018 DM	1.08	70-90%	0.76	0.97	24320	31040	1.41	1.52	1.07	1.37	34240	43840
OR-018 DA	0.49	70-90%	0.34	0.44	10880	14080	1.41	0.69	0.48	0.62	15360	19840
OR-018 DO	0.50	60-80%	0.30	0.40	9600	12800	1.41	0.70	0.42	0.56	13440	17920
OR-018 DI	0.22	60-70%	0.13	0.15	4160	4800	1.41	0.31	0.19	0.22	6080	7040
** Subtotal **												
** SUMMARY FOR OFFICE: OR-020												
OR-020 DE	0.56	40-60%	0.00	0.00	0	0	1.41	0.79	0.32	0.47	10240	15040
OR-020 DM	3.77	70-90%	2.64	3.39	84480	108480	1.41	5.32	3.72	4.78	119040	152960
OR-020 DA	0.84	70-90%	0.59	0.76	18880	24320	1.41	1.18	0.83	1.07	26560	34240
OR-020 DO	1.76	60-80%	1.06	1.41	33920	45120	1.41	2.48	1.49	1.99	47680	63680
OR-020 DI	0.90	60-70%	0.54	0.63	17280	20160	1.41	1.27	0.76	0.89	24320	28480
** Subtotal **												
** SUMMARY FOR OFFICE: OR-025												
OR-025 DE	0.97	40-60%	0.00	0.00	0	0	1.41	1.37	0.55	0.82	17600	26240
OR-025 DM	2.15	70-90%	1.50	1.94	48000	62080	1.41	3.03	2.12	2.73	67840	87360
OR-025 DA	2.92	70-90%	2.04	2.63	65280	84160	1.41	4.12	2.86	3.71	92160	118720

10/29/86

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ Trend	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ Trend	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED BY AUTO. CAP.	HIGH FY86 \$ Trend	FY86 W/Y CAP. SAVED BY AUTO. CAP.
OR-025 DO	2.07	60-80%	1.24	1.66	39680	53120	1.41	2.92	1.75	2.33	56000	74560	
OR-025 DI	0.31	60-70%	0.19	0.22	6080	7040	1.41	0.44	0.26	0.31	8320	9920	
** Subtotal **	6.42		4.97	6.45	159040	206400		11.87	7.56	9.90	241920	316800	
** SUMMARY FOR OFFICE: OR-028													
OR-028 DE	0.36	40-60%	0.00	0.00	0	0	1.41	0.51	0.20	0.30	6400	9600	
OR-028 DM	1.28	70-90%	0.90	1.15	28800	36800	1.41	1.80	1.26	1.62	40320	51840	
OR-028 DA	1.29	70-90%	0.90	1.16	28800	37120	1.41	1.82	1.27	1.64	40640	52480	
OR-028 DO	0.84	60-80%	0.50	0.67	16000	21440	1.41	1.18	0.71	0.95	22720	30400	
OR-028 DI	0.23	60-70%	0.14	0.16	4480	5120	1.41	0.32	0.19	0.23	6080	7360	
** Subtotal **	4.00		2.44	3.14	78080	100480		5.64	3.63	4.74	116160	151680	
** SUMMARY FOR OFFICE: OR-030													
OR-030 DE	0.92	40-60%	0.00	0.00	0	0	1.41	1.30	0.52	0.78	16640	24960	
OR-030 DM	5.33	70-90%	3.73	4.80	119360	153600	1.41	7.52	5.26	6.76	168320	216320	
OR-030 DA	1.01	70-90%	0.71	0.91	22720	29120	1.41	1.42	1.00	1.28	32000	40960	
OR-030 DO	2.59	60-80%	1.55	2.07	49600	66240	1.41	3.65	2.19	2.92	70080	93440	
OR-030 DI	1.26	60-70%	0.76	0.88	24320	28160	1.41	1.78	1.07	1.24	34240	39680	
** Subtotal **	11.11		6.75	8.66	216000	277120		15.67	10.04	12.98	321280	415360	
** SUMMARY FOR OFFICE: OR-035													
OR-035 DE	0.82	40-60%	0.00	0.00	0	0	1.41	1.16	0.46	0.69	14720	22080	

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ CAP. SAVED BY OFFICE AUTO. CAP.	HIGH FY85 \$ CAP. SAVED BY OFFICE AUTO. CAP.	TREND FACTOR FOR OFFICE AUTO. CAP.	FY96 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY96 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY96 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY96 \$ CAP. SAVED BY OFFICE AUTO. CAP.	HIGH FY96 \$ CAP. SAVED BY OFFICE AUTO. CAP.
OR-035 DM	3.02	70-90%	2.11	2.72	67520	87040	1.41	4.26	2.98	3.83	95360	122560
OR-035 DA	2.20	70-90%	1.54	1.98	49280	63360	1.41	3.10	2.17	2.79	69440	89280
OR-035 DO	1.61	60-80%	0.97	1.29	31040	41280	1.41	2.27	1.36	1.82	43520	58240
OR-035 DI	0.50	60-70%	0.30	0.35	9600	11200	1.41	0.70	0.42	0.49	13440	15680
** Subtotal **	6.15		4.92	6.34	157440	202880		11.49	7.39	9.62	236480	307840
** SUMMARY FOR OFFICE: OR-036												
OR-036 DE	0.19	40-60%	0.00	0.00	0	0	1.41	0.27	0.11	0.16	3520	5120
OR-036 DM	1.17	70-90%	0.82	1.05	26240	33600	1.41	1.65	1.15	1.48	36800	47360
OR-036 DA	1.19	70-90%	0.83	1.07	26560	34240	1.41	1.68	1.17	1.51	37440	48320
OR-036 DO	0.69	60-80%	0.41	0.55	13120	17600	1.41	0.97	0.58	0.78	18560	24960
OR-036 DI	0.21	60-70%	0.13	0.15	4160	4800	1.41	0.30	0.18	0.21	5760	6720
** Subtotal **	3.45		2.19	2.82	70080	90240		4.86	3.19	4.14	102080	132480
** SUMMARY FOR OFFICE: OR-037												
OR-037 DE	0.55	40-60%	0.00	0.00	0	0	1.41	0.78	0.31	0.47	9920	15040
OR-037 DM	1.64	70-90%	1.15	1.48	36800	47360	1.41	2.31	1.62	2.08	51840	66560
OR-037 DA	1.78	70-90%	1.25	1.60	40000	51200	1.41	2.51	1.76	2.26	56320	72320
OR-037 DO	1.10	60-80%	0.66	0.88	21120	28160	1.41	1.55	0.93	1.24	29760	39680
OR-037 DI	0.26	60-70%	0.16	0.18	5120	5760	1.41	0.37	0.22	0.26	7040	8320
** Subtotal **	5.33		3.22	4.14	103040	132480		7.52	4.84	6.31	154880	201920

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	* TIME X	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ TREND	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ TREND	HIGH FY86 \$ TREND
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** SUMMARY FOR OFFICE: OR-050

OR-050 DE	0.35	40-60%	0.00	0.00	0	1.41	0.49	0.20	0.30	6400	9600
OR-050 DM	5.19	70-90%	3.63	4.67	116160	149440	7.32	5.12	6.59	163840	210880
OR-050 DA	1.11	70-90%	0.78	1.00	24960	32000	1.57	1.10	1.41	35200	45120
OR-050 DO	1.88	60-80%	1.13	1.50	36160	48000	2.65	1.53	2.12	50880	67840
OR-050 DI	1.23	60-70%	0.74	0.86	23680	27520	1.73	1.04	1.21	33280	38720
** Subtotal **	9.76		6.28	8.03	200960	256960	13.76	9.05	11.63	289600	372160

** SUMMARY FOR OFFICE: OR-056

OR-056 DE	0.28	40-60%	0.00	0.00	0	1.41	0.39	0.16	0.24	5120	7680
OR-056 DM	1.33	70-90%	0.93	1.20	29760	38400	1.88	1.31	1.69	41920	54080
OR-056 DA	0.78	70-90%	0.55	0.70	17600	22400	1.10	0.77	0.99	24640	31680
OR-056 DO	0.66	60-80%	0.40	0.53	12800	16960	0.93	0.56	0.74	17920	23680
OR-056 DI	0.25	60-70%	0.15	0.17	4800	5440	0.35	0.21	0.25	6720	8000
** Subtotal **	3.30		2.03	2.60	64960	83200	4.65	3.01	3.91	96320	125120

** SUMMARY FOR OFFICE: OR-057

OR-057 DE	0.24	40-60%	0.00	0.00	0	1.41	0.34	0.14	0.20	4480	6400
OR-057 DM	1.14	70-90%	0.80	1.03	25600	32960	1.61	1.13	1.45	36160	46400
OR-057 DA	0.95	70-90%	0.66	0.85	21120	27200	1.34	0.94	1.21	30080	38720
OR-057 DO	0.61	60-80%	0.37	0.49	11840	15680	0.86	0.52	0.69	16640	22080
OR-057 DI	0.18	60-70%	0.11	0.13	3520	4160	0.25	0.15	0.18	4800	5760

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAPABILITY AUTO. FOR OFFICE AUTO.	% TIME CAP. SAVED FOR AUTO. CAP.	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	TREND FACTOR FOR OFFICE	FY96 W/Y CAP. SAVED FOR OFFICE	LOW FY96 W/Y SAVED FOR AUTO. CAP.	HIGH FY96 W/Y SAVED FOR AUTO. CAP.	\$ HIGH FY96 \$ SAVED BY AUTO. CAP.		
** Subtotal **											
	3.12		1.94	2.50	62080	80000	4.40	2.88	3.73	92160	119360
** SUMMARY FOR OFFICE: OR-080											
OR-080 DE	0.94	40-60%	0.00	0.00	0	0	1.41	1.33	0.53	16960	25600
OR-080 DM	2.54	70-90%	1.78	2.29	56960	73280	1.41	3.58	2.51	80320	103040
OR-080 DA	3.22	70-90%	2.25	2.90	72000	92800	1.41	4.54	3.18	101760	130880
OR-080 DO	1.99	60-80%	1.19	1.59	38080	50880	1.41	2.81	1.68	53760	71680
OR-080 DI	0.41	60-70%	0.25	0.29	8000	9280	1.41	0.58	0.35	11200	12800
** Subtotal **											
	9.10		5.47	7.07	175040	226240	12.83	8.25	10.75	264000	344000
** SUMMARY FOR OFFICE: OR-085											
OR-085 DE	0.54	40-60%	0.00	0.00	0	0	1.41	0.76	0.30	9600	14720
OR-085 DM	1.51	70-90%	1.06	1.36	33920	43520	1.41	2.13	1.49	47680	61440
OR-085 DA	1.69	70-90%	1.18	1.52	37760	48640	1.41	2.38	1.67	53440	68480
OR-085 DO	0.97	60-80%	0.58	0.78	18560	24960	1.41	1.37	0.82	26240	34880
OR-085 DI	0.25	60-70%	0.15	0.17	4800	5440	1.41	0.35	0.21	6720	8000
** Subtotal **											
	4.96		2.97	3.83	95040	122560	6.99	4.49	5.86	143680	187520
** SUMMARY FOR OFFICE: OR-086											
OR-086 DE	0.75	40-60%	0.00	0.00	0	0	1.41	1.06	0.42	13440	20160
OR-086 DM	1.69	70-90%	1.18	1.52	37760	48640	1.41	2.38	1.67	53440	68480
OR-086 DA	2.13	70-90%	1.49	1.92	47680	61440	1.41	3.00	2.10	67200	86400

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	FY85 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	FY85 \$ HIGH FY85 \$ TREND FACTOR FOR AUTO. CAP. SAVED FOR FOR OFFICE AUTO. CAP.	FY86 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR FOR OFFICE AUTO. CAP.	LOW FY86 \$ HIGH FY86 \$ CAP. SAVED BY AUTO. CAP.	HIGH FY86 \$ CAP. SAVED BY AUTO. CAP.
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OR-086 DO	1.20 60-80%	0.72	0.96	23040	30720	1.41	1.69	1.02	1.35	32640	43200
OR-086 DI	0.28 60-70%	0.17	0.20	5440	6400	1.41	0.39	0.24	0.28	7680	8960
** Subtotal **	6.05	3.56	4.60	113920	147200		8.53	5.45	7.10	174400	227200

** SUMMARY FOR OFFICE: OR-087

OR-087 DE	0.60 40-60%	0.00	0.00	0	0	1.41	0.85	0.34	0.51	10880	16320
OR-087 DM	1.60 70-90%	1.12	1.44	35840	46080	1.41	2.26	1.58	2.03	50560	64960
OR-087 DA	1.75 70-90%	1.22	1.57	39040	50240	1.41	2.47	1.73	2.22	55360	71040
OR-087 DO	1.05 60-80%	0.63	0.84	20160	26880	1.41	1.48	0.89	1.18	28480	37760
OR-087 DI	0.25 60-70%	0.15	0.17	4800	5440	1.41	0.35	0.21	0.25	6720	8000
** Subtotal **	5.25	3.12	4.02	99840	128640		7.40	4.75	6.19	152000	198080

** SUMMARY FOR OFFICE: OR-088

OR-088 DE	0.13 40-60%	0.00	0.00	0	0	1.41	0.18	0.07	0.11	2240	3520
OR-088 DM	1.09 70-90%	0.76	0.98	24320	31360	1.41	1.54	1.08	1.38	34560	44160
OR-088 DA	2.01 70-90%	1.41	1.81	45120	57920	1.41	2.83	1.98	2.55	63360	81600
OR-088 DO	0.61 60-80%	0.37	0.49	11840	15680	1.41	0.86	0.52	0.69	16640	22080
OR-088 DI	0.13 60-70%	0.08	0.09	2560	2880	1.41	0.18	0.11	0.13	3520	4160
** Subtotal **	3.97	2.62	3.37	83840	107840		5.60	3.76	4.86	120320	155520

** SUMMARY FOR OFFICE: OR-089

OR-089 DE	0.24 40-60%	0.00	0.00	0	0	1.41	0.34	0.14	0.20	4480	6400
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SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAPABILITY AUTO. CODE	% TIME CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ SAVED BY AUTO. CAP.	HIGH FY85 \$ SAVED BY AUTO. CAP.	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y SAVED FOR AUTO. CAP.	HIGH FY86 W/Y SAVED FOR AUTO. CAP.	LOW FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.	
OR-089 DM	1.19	70-90%	0.83	1.07	26560	34240	1.41	1.68	1.17	1.51	37440	48320
OR-089 DA	2.47	70-90%	1.73	2.22	55360	71040	1.41	3.48	2.44	3.13	78080	100160
OR-089 DO	0.72	60-80%	0.43	0.58	13760	18560	1.41	1.02	0.61	0.81	19520	25920
OR-089 DI	0.13	60-70%	0.08	0.09	2560	2880	1.41	0.18	0.11	0.13	3520	4160
** Subtotal **		4.75	3.07	3.96	98240	126720		6.70	4.47	5.78	143040	184960
** SUMMARY FOR OFFICE: UR-090												
UR-090 DE	1.27	40-60%	0.00	0.00	0	0	1.41	1.79	0.72	1.07	23040	34240
UR-090 DM	3.79	70-90%	2.65	3.41	84800	109120	1.41	5.34	3.74	4.81	119680	153920
UR-090 DA	2.69	70-90%	2.02	2.60	64640	83200	1.41	4.07	2.85	3.67	91200	117440
UR-090 DO	2.74	60-80%	1.64	2.19	52480	70080	1.41	3.86	2.32	3.09	74240	98880
UR-090 DI	0.73	60-70%	0.44	0.51	14080	16320	1.41	1.03	0.62	0.72	19840	23040
** Subtotal **		11.42	6.75	8.71	216000	278720		16.10	10.25	13.36	328000	427520
** SUMMARY FOR OFFICE: UR-096												
UR-096 DE	0.15	40-60%	0.00	0.00	0	0	1.41	0.21	0.08	0.13	2560	4160
UR-096 DM	1.43	70-90%	1.00	1.29	32000	41280	1.41	2.02	1.41	1.81	45120	57920
UR-096 DA	3.94	70-90%	2.76	3.55	88320	113600	1.41	5.56	3.69	5.00	124480	160000
UR-096 DO	0.91	60-80%	0.55	0.73	17600	23360	1.41	1.28	0.77	1.03	24640	32960
UR-096 DI	0.09	60-70%	0.05	0.06	1600	1920	1.41	0.13	0.08	0.09	2560	2880
** Subtotal **		6.52	4.36	5.63	139520	180160		9.19	6.23	8.06	199360	257920

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. FUR OFFICE	W/Y CAP. AUTO. FUR OFFICE	% TIME CAP. AUTO. FUR OFFICE	LOW FY85 W/Y SAVED FOR CAP. AUTO.	HIGH FY85 W/Y SAVED FOR CAP. AUTO.	LOW FY85 \$ SAVED BY CAP. AUTO.	HIGH FY85 \$ SAVED BY CAP. AUTO.	TREND FACTOR FOR OFFICE	FY96 W/Y CAP. AUTO. FUR OFFICE	LOW FY96 W/Y SAVED FOR CAP. AUTO.	HIGH FY96 W/Y SAVED FOR CAP. AUTO.	LOW FY96 \$ SAVED BY CAP. AUTO.	HIGH FY96 \$ SAVED BY CAP. AUTO.
** SUMMARY FOR OFFICE: OR-097													
OR-097 DE	0.59	40-60%		0.00		0.00	0	1.41	0.83	0.33	0.50	10560	16000
OR-097 DM	1.04	70-90%		0.73		0.94	30060	1.41	1.47	1.03	1.32	32960	42240
OR-097 DA	2.43	70-90%		1.70		2.19	54400	1.41	3.43	2.40	3.06	76800	98560
OR-097 DO	0.88	60-80%		0.53		0.70	16960	1.41	1.24	0.74	0.99	23680	31680
OR-097 DI	0.08	60-70%		0.05		0.06	1600	1.41	0.11	0.07	0.06	2240	2560
** Subtotal **													
	5.02			3.01		3.89	96320		7.08	4.57	5.97	146240	191040
** SUMMARY FOR OFFICE: OR-098													
OR-098 DE	0.82	40-60%		0.00		0.00	0	1.41	1.16	0.46	0.69	14720	22080
OR-098 DM	1.84	70-90%		1.29		1.66	41280	1.41	2.59	1.82	2.33	58240	74560
OR-098 DA	1.65	70-90%		1.15		1.48	36600	1.41	2.33	1.63	2.09	52160	66880
OR-098 DO	1.22	60-80%		0.73		0.98	23360	1.41	1.72	1.03	1.38	32960	44160
OR-098 DI	0.33	60-70%		0.20		0.23	6400	1.41	0.47	0.26	0.33	8960	10560
** Subtotal **													
	5.86			3.37		4.35	107840		8.26	5.22	6.82	167040	218240
** SUMMARY FOR OFFICE: OR-099													
OR-099 DE	0.57	40-60%		0.00		0.00	0	1.41	0.80	0.32	0.46	10240	15360
OR-099 DM	1.09	70-90%		0.76		0.98	24320	1.41	1.54	1.08	1.38	34560	44160
OR-099 DA	1.80	70-90%		1.26		1.62	40320	1.41	2.54	1.78	2.28	56960	72960
OR-099 DO	1.07	60-80%		0.64		0.86	20480	1.41	1.51	0.91	1.21	29120	38720
OR-099 DI	0.16	60-70%		0.11		0.13	3520	1.41	0.25	0.15	0.16	4800	5760

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ TREND SAVED BY OFFICE AUTO. CAP.	HIGH FY85 \$ TREND SAVED BY OFFICE AUTO. CAP.	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ SAVED BY OFFICE AUTO. CAP.	HIGH FY86 \$ SAVED BY OFFICE AUTO. CAP.
** Subtotal **											
	4.71		2.77	3.59	88640	114880		6.64	4.24	5.53	176960
** SUMMARY FOR OFFICE: OR-100											
OR-100 DE	0.94 40-60%		0.00	0.00	0	0	1.41	1.33	0.53	0.80	25600
OR-100 DM	3.51 70-90%		2.46	3.16	78720	101120	1.41	4.95	3.46	4.45	142400
OR-100 DA	2.56 70-90%		1.79	2.30	57280	73600	1.41	3.61	2.53	3.25	104000
OR-100 DO	1.97 60-80%		1.18	1.58	37760	50560	1.41	2.78	1.67	2.22	71040
OR-100 DI	0.74 60-70%		0.44	0.52	14080	16640	1.41	1.04	0.63	0.73	23360
** Subtotal **											
	9.72		5.87	7.56	187840	241920		13.71	8.82	11.45	366400
** SUMMARY FOR OFFICE: OR-106											
OR-106 DE	0.16 40-60%		0.00	0.00	0	0	1.41	0.23	0.09	0.14	4480
OR-106 DM	0.63 70-90%		0.44	0.57	14080	18240	1.41	0.89	0.62	0.80	25600
OR-106 DA	0.52 70-90%		0.64	0.83	20480	26560	1.41	1.30	0.91	1.17	37440
OR-106 DO	0.47 60-80%		0.28	0.38	8960	12160	1.41	0.66	0.40	0.53	16960
OR-106 DI	0.12 60-70%		0.07	0.08	2240	2560	1.41	0.17	0.10	0.12	3840
** Subtotal **											
	2.30		1.43	1.86	45760	59520		3.24	2.12	2.76	88320
** SUMMARY FOR OFFICE: OR-107											
OR-107 DE	0.63 40-60%		0.00	0.00	0	0	1.41	0.89	0.36	0.53	16960
OR-107 DM	1.04 70-90%		0.73	0.94	23360	30080	1.41	1.47	1.03	1.32	42240
OR-107 DA	1.00 70-90%		0.70	0.90	22400	28800	1.41	1.41	0.99	1.27	40640

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO FY85 W/Y % TIME LOW FY85 W/Y HIGH FY85 W/Y LOW FY85 \$ TREND FY86 W/Y HIGH FY86 W/Y LOW FY86 \$ HIGH FY86 \$
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OR-107 DO	0.74 60-80%	0.44	0.59	14080	18880	1.41	1.04	0.63	0.83	20160	26560
OR-107 DI	0.16 60-70%	0.10	0.11	3200	3520	1.41	0.23	0.14	0.16	4480	5120
** Subtotal **	3.57	1.97	2.54	63040	81280		5.03	3.15	4.11	100800	131520

** SUMMARY FOR OFFICE: OR-108

OR-108 DE	0.96 40-60%	0.00	0.00	0	0	1.41	1.35	0.54	0.81	17280	25920
OR-108 DM	1.96 70-90%	1.37	1.76	43840	56320	1.41	2.76	1.93	2.49	61760	79680
OR-108 DA	1.48 70-90%	1.04	1.33	33280	42560	1.41	2.09	1.46	1.88	46720	60160
OR-108 DU	1.31 60-80%	0.79	1.05	25280	33600	1.41	1.85	1.11	1.48	35520	47360
OR-108 DI	0.37 60-70%	0.22	0.26	7040	8320	1.41	0.52	0.31	0.37	9920	11840
** Subtotal **	6.08	3.42	4.40	109440	140800		8.57	5.35	7.03	171200	224960

** SUMMARY FOR OFFICE: OR-109

OR-109 DE	0.61 40-60%	0.00	0.00	0	0	1.41	0.86	0.34	0.52	10880	16640
OR-109 DM	1.00 70-90%	0.70	0.90	22400	28800	1.41	1.41	0.99	1.27	31680	40640
OR-109 DA	1.73 70-90%	1.21	1.56	38720	49920	1.41	2.44	1.71	2.20	54720	70400
OR-109 DU	1.07 60-80%	0.64	0.86	20480	27520	1.41	1.51	0.91	1.21	29120	38720
OR-109 DI	0.17 60-70%	0.10	0.12	3200	3840	1.41	0.24	0.14	0.17	4480	5440
** Subtotal **	4.58	2.65	3.44	84800	110080		6.46	4.09	5.37	130880	171840

** SUMMARY FOR OFFICE: OR-110

OR-110 DE	1.84 40-60%	0.00	0.00	0	0	1.41	2.59	1.04	1.56	33280	49920
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SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAPABILITY CODE	% TIME SAVED FOR OFFICE AUTO.	LOW FY85 W/Y SAVED FOR OFFICE AUTO.	HIGH FY85 W/Y SAVED FOR OFFICE AUTO.	LOW FY85 \$ SAVED BY OFFICE AUTO.	HIGH FY85 \$ SAVED BY OFFICE AUTO.	TREND FACTOR FOR OFFICE AUTO.	FY86 W/Y SAVED FOR OFFICE AUTO.	LOW FY86 W/Y SAVED FOR OFFICE AUTO.	HIGH FY86 W/Y SAVED FOR OFFICE AUTO.	LOW FY86 \$ SAVED BY OFFICE AUTO.	HIGH FY86 \$ SAVED BY OFFICE AUTO.
DR-110 DM	4.45	70-90%	3.11	4.00	99520	128000	1.41	6.27	4.39	5.65	140480	180800
DR-110 DA	3.98	70-90%	2.79	3.58	89280	114560	1.41	5.61	3.93	5.05	125760	161600
DR-110 DU	3.15	60-80%	1.89	2.52	60480	80640	1.41	4.44	2.66	3.55	85120	113600
DR-110 DI	0.77	60-70%	0.46	0.54	14720	17280	1.41	1.09	0.65	0.76	20800	24320
** Subtotal **												
	14.19		8.25	10.64	264000	340480		20.01	12.67	16.57	405440	530240
** SUMMARY FOR OFFICE: DR-114												
DR-114 DE	0.84	40-60%	0.00	0.00	0	0	1.41	1.18	0.47	0.71	15040	22720
DR-114 DM	1.70	70-90%	1.19	1.53	38080	48960	1.41	2.40	1.68	2.16	53760	69120
DR-114 DA	1.99	70-90%	1.39	1.79	44480	57280	1.41	2.81	1.96	2.53	62720	80960
DR-114 DU	1.13	60-80%	0.68	0.90	21760	28800	1.41	1.59	0.96	1.27	30720	40640
DR-114 DI	0.28	60-70%	0.17	0.20	5440	6400	1.41	0.39	0.24	0.28	7680	8960
** Subtotal **												
	5.94		3.43	4.42	109760	141440		8.38	5.31	6.95	169920	222400
** SUMMARY FOR OFFICE: DR-115												
DR-115 DE	0.20	40-60%	0.00	0.00	0	0	1.41	0.28	0.11	0.17	3520	5440
DR-115 DM	0.88	70-90%	0.62	0.79	19840	25280	1.41	1.24	0.87	1.12	27840	35840
DR-115 DA	1.34	70-90%	0.94	1.21	30080	38720	1.41	1.89	1.32	1.70	42240	54400
DR-115 DU	0.62	60-80%	0.37	0.50	11840	16000	1.41	0.87	0.52	0.70	16640	22400
DR-115 DI	0.16	60-70%	0.10	0.11	3200	3520	1.41	0.23	0.14	0.16	4480	5120
** Subtotal **												
	3.20		2.03	2.61	64960	83520		4.51	2.96	3.85	94720	123200

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ TREND SAVED BY OFFICE AUTO. CAP.	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ SAVED BY OFFICE AUTO. CAP.	HIGH FY86 \$ SAVED BY OFFICE AUTO. CAP.
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** SUMMARY FOR OFFICE: OR-116

OR-116 DE	1.19 40-60%	0.00	0.00	0	1.41	1.66	0.67	1.01	21440	32320
OR-116 DM	2.63 70-90%	1.84	2.37	58880	1.41	3.71	2.60	3.34	83200	106880
OR-116 DA	2.71 70-90%	1.90	2.44	60800	1.41	3.82	2.67	3.44	85440	110080
OR-116 DO	1.83 60-80%	1.10	1.46	35200	1.41	2.58	1.55	2.06	49600	65920
OR-116 DI	0.45 60-70%	0.27	0.32	8640	1.41	0.63	0.38	0.44	12160	14080
** Subtotal **	8.81	5.11	6.59	163520	12.42	7.87	10.29	251840	325280	

** SUMMARY FOR OFFICE: OR-117

OR-117 DE	1.12 40-60%	0.00	0.00	0	1.41	1.58	0.63	0.95	20160	30400
OR-117 DM	2.01 70-90%	1.41	1.81	45120	1.41	2.83	1.98	2.55	63360	81600
OR-117 DA	3.27 70-90%	2.29	2.94	73280	1.41	4.61	3.23	4.15	103360	132800
OR-117 DO	2.24 60-80%	1.34	1.79	42880	1.41	3.16	1.90	2.53	60800	80360
OR-117 DI	0.35 60-70%	0.21	0.24	6720	1.41	0.49	0.30	0.35	9600	11200
** Subtotal **	8.99	5.25	6.78	168000	12.68	8.04	10.53	257280	336960	

** SUMMARY FOR OFFICE: OR-118

OR-118 DE	1.02 40-60%	0.00	0.00	0	1.41	1.44	0.58	0.86	18560	27520
OR-118 DM	1.56 70-90%	1.09	1.40	34880	1.41	2.20	1.54	1.98	43280	63360
OR-118 DA	1.71 70-90%	1.20	1.54	38400	1.41	2.41	1.69	2.17	54080	69440
OR-118 DO	1.15 60-80%	0.69	0.92	22080	1.41	1.62	0.97	1.30	31040	41600
OR-118 DI	0.25 60-70%	0.15	0.17	4800	1.41	0.35	0.21	0.25	6720	8000

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAPABILITY AUTO. FOR OFFICE AUTO.	% TIME CAP. SAVED FOR OFFICE AUTO.	LOW FY85 W/Y AUTO. CAP.	HIGH FY85 W/Y AUTO. CAP.	SAVED BY AUTO. CAP.	LOW FY85 \$ CAP. AUTO.	HIGH FY85 \$ CAP. AUTO.	TREND OFFICE	FY86 W/Y FOR OFFICE	LOW FY86 W/Y CAP. AUTO.	HIGH FY86 W/Y CAP. AUTO.	SAVED BY CAP. AUTO.	LOW FY86 \$ CAP. AUTO.	HIGH FY86 \$ CAP. AUTO.
** Subtotal **														
	5.69		3.13	4.03		100160	128960		6.02	4.99	6.56		159680	209920
** SUMMARY FOR OFFICE: OR-120														
OR-120 DE	1.04 40-60%	0.00	0.00	0.00	0	57920	74560	0	1.41	0.59	0.88		18880	28160
OR-120 DM	2.59 70-90%	1.81	2.33	1.86	57920	74560	74560	1.41	3.65	2.56	3.23		81920	105280
OR-120 DA	2.07 70-90%	1.45	1.86	1.86	46400	59520	59520	1.41	2.92	2.04	2.63		65280	84160
OR-120 DO	1.55 60-80%	0.93	1.24	1.24	29760	39680	39680	1.41	2.19	1.31	1.75		41920	56000
OR-120 DI	0.51 60-70%	0.31	0.36	0.36	9920	11520	11520	1.41	0.72	0.43	0.50		13760	16000
** Subtotal **														
	7.76	4.50	5.79	5.79	144000	185280	185280		10.94	6.93	9.05		221760	289600
** SUMMARY FOR OFFICE: OR-124														
OR-124 DE	0.20 40-60%	0.00	0.00	0.00	0	20480	26240	0	1.41	0.28	0.17		3520	5440
OR-124 DM	0.91 70-90%	0.64	0.82	0.82	20480	26240	26240	1.41	1.28	0.90	1.15		28800	36800
OR-124 DA	0.41 70-90%	0.29	0.37	0.37	9280	11840	11840	1.41	0.58	0.40	0.52		12800	16640
OR-124 DO	0.47 60-80%	0.28	0.38	0.38	8960	12160	12160	1.41	0.66	0.40	0.53		12800	16360
OR-124 DI	0.19 60-70%	0.11	0.13	0.13	3520	4160	4160	1.41	0.27	0.16	0.19		5120	6080
** Subtotal **														
	2.18	1.32	1.70	1.70	42240	54400	54400		3.07	1.97	2.56		63040	81920
** SUMMARY FOR OFFICE: OR-125														
OR-125 DE	0.64 40-60%	0.00	0.00	0.00	0	45760	58880	0	1.41	0.36	0.54		11520	17280
OR-125 DM	2.04 70-90%	1.43	1.84	1.84	45760	58880	58880	1.41	2.88	2.01	2.59		64320	82880
OR-125 DA	1.23 70-90%	0.86	1.11	1.11	27520	35520	35520	1.41	1.73	1.21	1.56		38720	49920

10/29/86

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO.	% TIME	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO.	LOW FY85 \$ SAVED BY AUTO. CAP.	HIGH FY85 \$ SAVED BY AUTO. CAP.	FY86 W/Y CAP. SAVED FOR OFFICE AUTO.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO.	LOW FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.
OR-125 DO	1.12	60-80%	0.67	0.90	21440	28800	1.41	1.58	0.95	1.26	30400
OR-125 DI	0.39	60-70%	0.23	0.27	7360	8640	1.41	0.55	0.33	0.38	10560
** Subtotal **	5.42		3.19	4.12	102080	131840		7.64	4.86	6.33	202560
** SUMMARY FOR OFFICE: OR-129											
OR-129 DE	0.78	40-60%	0.00	0.00	0	0	1.41	1.10	0.44	0.66	14080
OR-129 DM	1.33	70-90%	0.93	1.20	29760	38400	1.41	1.88	1.31	1.69	41920
OR-129 DA	1.52	70-90%	1.06	1.37	33920	43840	1.41	2.14	1.50	1.93	48000
OR-129 DO	1.24	60-80%	0.74	0.93	23680	31680	1.41	1.75	1.05	1.40	33600
OR-129 DI	0.24	60-70%	0.14	0.17	4480	5440	1.41	0.34	0.20	0.24	6400
** Subtotal **	5.11		2.87	3.73	91840	119360		7.21	4.50	5.92	144000
** SUMMARY FOR OFFICE: OR-130											
OR-130 DE	0.51	40-60%	0.00	0.00	0	0	1.41	0.72	0.29	0.43	9280
OR-130 DM	1.67	70-90%	1.17	1.50	37440	48000	1.41	2.35	1.65	2.12	52800
OR-130 DA	1.44	70-90%	1.01	1.30	32320	41600	1.41	2.03	1.42	1.83	45440
OR-130 DO	1.07	60-80%	0.64	0.86	20480	27520	1.41	1.51	0.91	1.21	29120
OR-130 DI	0.35	60-70%	0.21	0.24	6720	7680	1.41	0.49	0.30	0.35	9600
** Subtotal **	5.04		3.03	3.90	96960	124800		7.11	4.57	5.94	146240
** SUMMARY FOR OFFICE: OR-136											
OR-136 DE	0.25	40-60%	0.00	0.00	0	0	1.41	0.35	0.14	0.21	4480
											6720

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAPABILITY AUTO. CAP. FOR OFFICE AUTO. CAP.	* TIME SAVED FOR AUTO. CAP.	LOW FY85 W/Y SAVED FOR AUTO. CAP.	HIGH FY85 W/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ TREND SAVED BY AUTO. CAP.	HIGH FY85 \$ TREND SAVED BY AUTO. CAP.	FY86 W/Y CAP. OFFICE FOR OFFICE AUTO. CAP.	LOW FY86 W/Y SAVED FOR AUTO. CAP.	HIGH FY86 W/Y SAVED FOR AUTO. CAP.	LOW FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.
OR-136 DM	0.34	70-90%	0.24	0.31	7680	9920	1.41	0.48	0.34	10880	13760
OR-136 DA	0.32	70-90%	0.22	0.29	7040	9280	1.41	0.45	0.32	10240	13120
OR-136 DU	0.29	60-80%	0.17	0.23	5440	7360	1.41	0.41	0.25	8000	10560
OR-136 DI	0.06	60-70%	0.04	0.04	1280	1280	1.41	0.08	0.05	1600	1920
** Subtotal **	1.26		0.67	0.87	21440	27840		1.78	1.10	35200	46080
** SUMMARY FOR OFFICE: OR-137											
OR-137 DE	0.28	40-60%	0.00	0.00	0	0	1.41	0.39	0.16	5120	7680
OR-137 DM	0.77	70-90%	0.54	0.69	17280	22080	1.41	1.09	0.76	24320	31360
OR-137 DA	0.47	70-90%	0.33	0.42	10560	13440	1.41	0.66	0.46	14720	19200
OR-137 DU	0.44	60-80%	0.26	0.35	8320	11200	1.41	0.62	0.37	11840	16000
OR-137 DI	0.16	60-70%	0.10	0.11	3200	3520	1.41	0.23	0.14	4480	5120
** Subtotal **	2.12		1.23	1.57	39360	50240		2.99	1.89	60480	79360
** SUMMARY FOR OFFICE: OR-900											
OR-900 DE	9.89	40-60%	0.00	0.00	0	0	1.41	13.94	5.58	178560	267840
OR-900 DM	27.65	70-90%	19.35	24.88	619200	796160	1.41	38.99	27.29	873280	1122880
OR-900 DA	10.40	70-90%	7.28	9.36	232960	299520	1.41	14.66	10.26	328320	422400
OR-900 DU	11.74	60-80%	7.04	9.39	225280	300480	1.41	16.55	9.93	317760	423680
OR-900 DI	5.23	60-70%	3.14	3.66	100480	117120	1.41	7.37	4.42	141440	165120
** Subtotal **	64.91		36.81	47.29	1177920	1513280		91.52	57.48	1839360	2401920

SPREADSHEET C: BENEFITS

STATE: OREGON

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ TREND SAVED BY AUTO. CAP.	HIGH FY85 \$ TREND SAVED BY AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.
312.64	185.20	238.50	5926400	7632000	440.82	281.53	366.81	9008960	11737920	

*** Total ***

SPREADSHEET C: BENEFITS

STATE: UTAH

OFFICE AUTO CODE	FY85 W/Y CAP. FOR OFFICE AUTO.	% TIME CAP. SAVED FOR OFFICE AUTO.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO.	LOW FY85 \$ CAP. SAVED FOR OFFICE AUTO.	HIGH FY85 \$ CAP. SAVED FOR OFFICE AUTO.	TREND FACTOR FOR OFFICE AUTO.	FY96 W/Y CAP. SAVED FOR OFFICE AUTO.	LOW FY96 W/Y CAP. SAVED FOR OFFICE AUTO.	HIGH FY96 W/Y CAP. SAVED FOR OFFICE AUTO.	LOW FY96 \$ CAP. SAVED FOR OFFICE AUTO.	HIGH FY96 \$ CAP. SAVED FOR OFFICE AUTO.
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** SUMMARY FOR OFFICE: UT-020

UT-020 DE	0.55 40-60%	0.00	0.00	0	0	1.41	0.78	0.31	0.47	9920	15040
UT-020 DM	4.05 70-90%	2.83	3.65	90560	116800	1.41	5.71	4.00	5.14	128000	164480
UT-020 DA	0.71 70-90%	0.50	0.64	16000	20480	1.41	1.00	0.70	0.90	22400	28800
UT-020 DO	1.75 60-80%	1.05	1.40	33600	44800	1.41	2.47	1.48	1.97	47360	63040
UT-020 DI	0.96 60-70%	0.58	0.67	18560	21440	1.41	1.35	0.81	0.95	25920	30400
** Subtotal **		8.02	4.96	158720	203520		11.31	7.30	9.43	233600	301760

** SUMMARY FOR OFFICE: UT-026

UT-026 DE	0.45 40-60%	0.00	0.00	0	0	1.41	0.63	0.25	0.38	8000	12160
UT-026 DM	1.80 70-90%	1.26	1.62	40320	51840	1.41	2.54	1.78	2.28	56960	72960
UT-026 DA	1.44 70-90%	1.01	1.30	32320	41600	1.41	2.03	1.42	1.83	45440	58560
UT-026 DO	1.05 60-80%	0.63	0.84	20160	26880	1.41	1.48	0.89	1.18	28480	37760
UT-026 DI	0.33 60-70%	0.20	0.23	6400	7360	1.41	0.47	0.28	0.33	8960	10560
** Subtotal **		5.07	3.10	99200	127680		7.15	4.62	6.00	147840	192000

** SUMMARY FOR OFFICE: UT-027

UT-027 DE	0.69 40-60%	0.00	0.00	0	0	1.41	0.97	0.39	0.58	12480	18560
UT-027 DM	1.90 70-90%	1.33	1.71	42560	54720	1.41	2.68	1.88	2.41	60160	77120
UT-027 DA	1.96 70-90%	1.37	1.76	43840	56320	1.41	2.76	1.93	2.49	61760	79680
UT-027 DO	1.32 60-80%	0.79	1.06	25280	33920	1.41	1.86	1.12	1.49	35840	47680
UT-027 DI	0.32 60-70%	0.19	0.22	6080	7040	1.41	0.45	0.27	0.32	8640	10240

01/01/80

SPREADSHEET C: BENEFITS

STATE: UTAH

OFFICE AUTO FY85 W/Y Z TIME LOW FY85 W/Y HIGH FY85 W/Y LOW FY85 \$ TREND FY96 W/Y LOW FY96 W/Y HIGH FY96 \$ HIGH FY96 \$
 CODE CAPABILITY AUTO. CAP. SAVED FOR SAVED FOR SAVED FOR SAVED FOR SAVED FOR SAVED BY SAVED BY SAVED BY
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** Subtotal **	6.19	3.68	4.75	117760	152000	8.73	5.59	7.29	178880	233280
** SUMMARY FOR OFFICE: UT-040										
UT-040 DE	1.00 40-60%	0.00	0.00	0	0	1.41	0.56	0.85	17920	27200
UT-040 DM	5.33 70-90%	3.73	4.80	119360	153600	1.41	5.26	6.76	168320	216320
UT-040 DA	1.07 70-90%	0.75	0.96	24000	30720	1.41	1.06	1.36	33920	43520
UT-040 DO	2.63 60-80%	1.58	2.10	50560	67200	1.41	2.22	2.97	71040	95040
UT-040 DI	1.20 60-70%	0.72	0.84	23040	28880	1.41	1.02	1.18	32640	37760
** Subtotal **	11.23	6.78	8.70	216960	278400	15.83	10.12	13.12	323840	419840
** SUMMARY FOR OFFICE: UT-046										
UT-046 DE	0.23 40-60%	0.00	0.00	0	0	1.41	0.13	0.19	4160	6080
UT-046 DM	1.32 70-90%	0.92	1.19	29440	38080	1.41	1.30	1.68	41600	53760
UT-046 DA	0.91 70-90%	0.64	0.82	20480	26240	1.41	0.90	1.15	28800	36800
UT-046 DO	0.78 60-80%	0.47	0.62	15040	19840	1.41	0.66	0.88	21120	28160
UT-046 DI	0.24 60-70%	0.14	0.17	4480	5440	1.41	0.20	0.24	6400	7680
** Subtotal **	3.48	2.17	2.80	69440	89600	4.91	3.19	4.14	102080	132480
** SUMMARY FOR OFFICE: UT-047										
UT-047 DE	0.51 40-60%	0.00	0.00	0	0	1.41	0.29	0.43	9280	13760
UT-047 DM	1.64 70-90%	1.15	1.48	36800	47360	1.41	1.62	2.08	51840	66560
UT-047 DA	1.25 70-90%	0.88	1.12	28160	35840	1.41	1.23	1.59	39360	50880

01/01/80

SPREADSHEET C: BENEFITS

STATE: UTAH

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	Z TIME	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ SAVED BY AUTO. CAP.	HIGH FY85 \$ SAVED BY AUTO. CAP.	TREND FACTOR FOR OFFICE	FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY86 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.
UT-047 DO	0.91 60-80X		0.55	0.73	17600	23360	1.41	1.28	0.77	1.03	24640	32960
UT-047 DI	0.35 60-70X		0.21	0.24	6720	7680	1.41	0.49	0.30	0.35	9600	11200
** Subtotal **	4.66		2.79	3.57	89280	114240		6.57	4.21	5.48	134720	175360
** SUMMARY FOR OFFICE: UT-048												
UT-048 DE	0.70 40-60X		0.00	0.00	0	0	1.41	0.99	0.39	0.59	12480	18880
UT-048 DM	1.99 70-90X		1.39	1.79	44480	57280	1.41	2.81	1.96	2.53	62720	80960
UT-048 DA	1.84 70-90X		1.29	1.66	41280	53120	1.41	2.59	1.82	2.33	58240	74560
UT-048 DO	1.23 60-80X		0.74	0.98	23680	31360	1.41	1.73	1.04	1.39	33280	44480
UT-048 DI	0.35 60-70X		0.21	0.24	6720	7680	1.41	0.49	0.30	0.35	9600	11200
** Subtotal **	6.11		3.63	4.67	116160	149440		8.62	5.51	7.19	176320	230080
** SUMMARY FOR OFFICE: UT-049												
UT-049 DE	0.27 40-60X		0.00	0.00	0	0	1.41	0.38	0.15	0.23	4800	7360
UT-049 DM	0.88 70-90X		0.62	0.79	19840	25280	1.41	1.24	0.87	1.12	27840	35840
UT-049 DA	1.05 70-90X		0.73	0.95	23360	30400	1.41	1.48	1.04	1.33	33280	42560
UT-049 DO	0.62 60-80X		0.37	0.50	11840	16000	1.41	0.87	0.52	0.70	16640	22400
UT-049 DI	0.14 60-70X		0.08	0.10	2560	3200	1.41	0.20	0.12	0.14	3840	4480
** Subtotal **	2.96		1.80	2.34	57600	74880		4.17	2.70	3.52	86400	112640
** SUMMARY FOR OFFICE: UT-050												
UT-050 DE	0.76 40-60X		0.00	0.00	0	0	1.41	1.07	0.43	0.64	13760	20480

SPREADSHEET C: BENEFITS

STATE: UTAH

OFFICE AUTO CODE	FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	% TIME CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	HIGH FY85 W/Y CAP. SAVED FOR OFFICE AUTO. CAP.	LOW FY85 \$ CAP. SAVED BY OFFICE	HIGH FY85 \$ CAP. SAVED BY OFFICE	TREND FACTOR FOR OFFICE	FY96 W/Y CAP. SAVED FOR OFFICE	LOW FY96 W/Y CAP. SAVED FOR OFFICE	HIGH FY96 W/Y CAP. SAVED FOR OFFICE	LOW FY96 \$ CAP. SAVED BY OFFICE	HIGH FY96 \$ CAP. SAVED BY OFFICE
UT-050 DM	4.50 70-90%	3.15	4.05	100800	129600	1.41	6.34	4.44	5.71	142080	182720	
UT-050 DA	0.87 70-90%	0.61	0.78	19520	24960	1.41	1.23	0.86	1.10	27520	35200	
UT-050 DO	2.21 60-80%	1.33	1.77	42560	56640	1.41	3.12	1.87	2.49	59840	79680	
UT-050 DI	1.08 60-70%	0.65	0.76	20800	24320	1.41	1.52	0.91	1.07	29120	34240	
## Subtotal ##	9.42	5.74	7.36	183680	235520		13.28	8.51	11.01	27320	352320	
## SUMMARY FOR OFFICE: UT-056												
UT-056 DE	0.49 40-60%	0.00	0.00	0	0	1.41	0.69	0.28	0.41	8960	13120	
UT-056 DM	1.84 70-90%	1.29	1.66	41280	53120	1.41	2.59	1.82	2.33	58240	74560	
UT-056 DA	1.53 70-90%	1.07	1.38	34240	44160	1.41	2.16	1.51	1.94	48320	62080	
UT-056 DO	1.23 60-80%	0.74	0.98	23680	31360	1.41	1.73	1.04	1.39	33280	44480	
UT-056 DI	0.35 60-70%	0.21	0.24	6720	7680	1.41	0.49	0.30	0.35	9600	11200	
## Subtotal ##	5.44	3.31	4.26	105920	136320		7.67	4.95	6.42	158400	205440	
## SUMMARY FOR OFFICE: UT-057												
UT-057 DE	0.77 40-60%	0.00	0.00	0	0	1.41	1.09	0.43	0.65	13760	20800	
UT-057 DM	2.24 70-90%	1.57	2.02	50240	64640	1.41	3.16	2.21	2.84	70720	90880	
UT-057 DA	1.76 70-90%	1.23	1.58	39360	50560	1.41	2.48	1.74	2.23	55680	71360	
UT-057 DO	1.18 60-80%	0.71	0.94	27200	30080	1.41	1.66	1.00	1.33	32000	42560	
UT-057 DI	0.39 60-70%	0.23	0.27	7360	8640	1.41	0.55	0.33	0.38	10560	12160	
## Subtotal ##	6.34	3.74	4.81	119680	153920		8.94	5.71	7.43	182720	237760	

01/01/80

SPREADSHEET C: BENEFITS

STATE: UTAH

OFFICE AUTO FY85 W/Y % TIME LOW FY85 W/Y HIGH FY85 \$ HIGH FY85 \$ TREND FY96 W/Y LOW FY96 W/Y HIGH FY96 \$ HIGH FY96 \$
 CODE CAPABILITY AUTO. CAP. SAVED FOR SAVED FOR SAVED BY FACTOR FOR AUTO. CAP. SAVED FOR SAVED BY SAVED BY
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** SUMMARY FOR OFFICE: UT-058

UT-058 DE	0.77 40-60%	0.00	0.00	0	0	1.41	1.09	0.43	0.65	13760	20800
UT-058 DM	1.43 70-90%	1.00	1.29	32000	41280	1.41	2.02	1.41	1.81	45120	57920
UT-058 DA	2.01 70-90%	1.41	1.81	45120	57920	1.41	2.83	1.98	2.55	63360	81600
UT-058 DO	1.13 60-80%	0.68	0.90	21760	28800	1.41	1.59	0.96	1.27	30720	40640
UT-058 DI	0.21 60-70%	0.13	0.15	4160	4800	1.41	0.30	0.18	0.21	5760	6720
** Subtotal **	5.55	3.22	4.15	103040	132800		7.83	4.96	6.49	158720	207680

** SUMMARY FOR OFFICE: UT-059

UT-059 DE	0.68 40-60%	0.00	0.00	0	0	1.41	0.96	0.38	0.58	12160	18560
UT-059 DM	1.69 70-90%	1.18	1.52	37760	48640	1.41	2.38	1.67	2.14	53440	68480
UT-059 DA	1.78 70-90%	1.25	1.60	40000	51200	1.41	2.51	1.76	2.26	56320	72320
UT-059 DO	1.11 60-80%	0.67	0.89	21440	28480	1.41	1.57	0.94	1.25	30080	40000
UT-059 DI	0.28 60-70%	0.17	0.20	5440	6400	1.41	0.39	0.24	0.28	7680	8960
** Subtotal **	5.54	3.27	4.21	104640	134720		7.81	4.99	6.51	159680	208320

** SUMMARY FOR OFFICE: UT-060

UT-060 DE	0.88 40-60%	0.00	0.00	0	0	1.41	1.24	0.50	0.74	16000	23680
UT-060 DM	4.89 70-90%	3.42	4.40	109440	140800	1.41	6.89	4.83	6.21	154560	198720
UT-060 DA	3.05 70-90%	2.13	2.75	68160	88000	1.41	4.30	3.01	3.87	96320	123840
UT-060 DO	2.19 60-80%	1.31	1.75	41920	56000	1.41	3.09	1.85	2.47	59200	79040
UT-060 DI	0.94 60-70%	0.56	0.66	17920	21120	1.41	1.33	0.80	0.93	25600	29760

SPREADSHEET C: BENEFITS

STATE: UTAH

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. FOR OFFICE	% TIME SAVED FOR CAP. AUTO.	LOW FY85 W/Y SAVED FOR CAP. AUTO.	HIGH FY85 W/Y SAVED FOR CAP. AUTO.	FY85 W/Y SAVED BY CAP. AUTO.	LOW FY85 \$ SAVED BY CAP. AUTO.	HIGH FY85 \$ SAVED BY CAP. AUTO.	TREND FACTOR FOR OFFICE	FY86 W/Y SAVED FOR CAP. AUTO.	LOW FY86 W/Y SAVED FOR CAP. AUTO.	HIGH FY86 W/Y SAVED FOR CAP. AUTO.	LOW FY86 \$ SAVED BY CAP. AUTO.	HIGH FY86 \$ SAVED BY CAP. AUTO.
** Subtotal **													
	11.95		7.42	9.56	237440	305920			16.85	10.99	14.22	351680	455040
** SUMMARY FOR OFFICE: UT-066													
UT-066 DE	0.50 40-60X		0.00	0.00	0	0			1.41	0.70	0.28	8960	13440
UT-066 DM	1.11 70-90X		0.78	1.00	24960	32000			1.41	1.57	1.10	35200	45120
UT-066 DA	0.75 70-90X		0.53	0.68	16960	21760			1.41	1.06	0.74	23680	30400
UT-066 DD	0.67 60-80X		0.40	0.54	12800	17280			1.41	0.94	0.57	18240	24320
UT-066 DI	0.14 60-70X		0.08	0.10	2560	3200			1.41	0.20	0.12	3840	4480
** Subtotal **													
	3.17		1.79	2.32	57280	74240			4.47	2.81	3.68	89920	117760
** SUMMARY FOR OFFICE: UT-067													
UT-067 DE	0.47 40-60X		0.00	0.00	0	0			1.41	0.66	0.27	8640	12800
UT-067 DM	1.56 70-90X		1.09	1.40	34880	44800			1.41	2.20	1.54	49280	63360
UT-067 DA	0.96 70-90X		0.67	0.86	21440	27520			1.41	1.35	0.95	30400	39040
UT-067 DD	0.80 60-80X		0.48	0.64	15360	20480			1.41	1.13	0.68	21760	28800
UT-067 DI	0.23 60-70X		0.14	0.16	4480	5120			1.41	0.32	0.19	6080	7360
** Subtotal **													
	4.02		2.38	3.06	76160	97920			5.67	3.63	4.73	116160	151360
** SUMMARY FOR OFFICE: UT-068													
UT-068 DE	0.40 40-60X		0.00	0.00	0	0			1.41	0.56	0.23	7360	10880
UT-068 DM	1.28 70-90X		0.90	1.15	28800	36800			1.41	1.80	1.26	40320	51840
UT-068 DA	0.63 70-90X		0.44	0.57	14080	18240			1.41	0.89	0.62	19840	25600

01/01/80

SPREADSHEET C: BENEFITS

STATE: UTAH

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. FOR OFFICE	% TIME W/Y CAP. AUTO.	LOW FY85 W/Y SAVED FOR CAP. AUTO.	HIGH FY85 W/Y SAVED FOR CAP. AUTO.	LOW FY85 \$ SAVED BY AUTO. CAP.	HIGH FY85 \$ SAVED BY OFFICE	TREND W/Y CAP. AUTO.	LOW FY96 W/Y SAVED FOR OFFICE	HIGH FY96 W/Y SAVED FOR CAP. AUTO.	LOW FY96 \$ SAVED BY CAP. AUTO.	HIGH FY96 \$ SAVED BY CAP. AUTO.
UT-068 DO	0.67 60-80%		0.40	0.54	12800	17280	1.41	0.94	0.57	0.76	18240
UT-068 DI	0.20 60-70%		0.12	0.14	3840	4480	1.41	0.28	0.17	0.20	5440
## Subtotal ##	3.18		1.86	2.40	59520	76800		4.48	2.85	3.72	91200
## SUMMARY FOR OFFICE: UT-069											
UT-069 DE	0.42 40-60%		0.00	0.00	0	0	1.41	0.59	0.24	0.36	7680
UT-069 DM	1.50 70-90%		1.05	1.35	33600	43200	1.41	2.11	1.48	1.90	47360
UT-069 DA	0.62 70-90%		0.43	0.56	13760	17920	1.41	0.87	0.61	0.79	19520
UT-069 DO	0.77 60-80%		0.46	0.62	14720	19840	1.41	1.09	0.65	0.87	20800
UT-069 DI	0.31 60-70%		0.19	0.22	6080	7040	1.41	0.44	0.26	0.31	8320
## Subtotal ##	3.62		2.13	2.75	68160	88000		5.10	3.24	4.23	103680
## SUMMARY FOR OFFICE: UT-080											
UT-080 DE	0.45 40-60%		0.00	0.00	0	0	1.41	0.63	0.25	0.38	8000
UT-080 DM	2.98 70-90%		2.09	2.68	66880	85760	1.41	4.20	2.94	3.78	94080
UT-080 DA	1.29 70-90%		0.90	1.16	28800	37120	1.41	1.82	1.27	1.64	40640
UT-080 DO	1.19 60-80%		0.71	0.95	22720	30400	1.41	1.68	1.01	1.34	32320
UT-080 DI	0.63 60-70%		0.38	0.44	12160	14080	1.41	0.89	0.53	0.62	16960
## Subtotal ##	6.54		4.08	5.23	130560	167360		9.22	6.00	7.76	192000
## SUMMARY FOR OFFICE: UT-086											
UT-086 DE	0.35 40-60%		0.00	0.00	0	0	1.41	0.49	0.20	0.30	6400

SPREADSHEET C: BENEFITS

STATE: UTAH

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. FOR OFFICE	% TIME CAP. AUTO. FOR OFFICE	LOW FY85 W/Y CAP. AUTO.	HIGH FY85 W/Y CAP. AUTO.	SAVED BY CAP. AUTO.	FACTOR OFFICE	FY96 W/Y CAP. AUTO.	LOW FY96 W/Y CAP. AUTO.	HIGH FY96 W/Y CAP. AUTO.	SAVED BY CAP. AUTO.	LOW FY96 W/Y CAP. AUTO.	HIGH FY96 W/Y CAP. AUTO.	SAVED BY CAP. AUTO.
UT-086 DM	0.99 70-90%		0.69	0.89	22080	28480	1.41	1.40	0.98	1.26	31360	40320	
UT-086 DA	1.09 70-90%		0.76	0.98	24320	31360	1.41	1.54	1.08	1.38	34560	44160	
UT-086 DO	0.65 60-80%		0.39	0.52	12480	16640	1.41	0.92	0.55	0.73	17600	23360	
UT-086 DI	0.12 60-70%		0.07	0.08	2240	2560	1.41	0.17	0.10	0.12	3200	3840	
** Subtotal **													
	3.20		1.91	2.47	61120	79040		4.51	2.91	3.79	93120	121280	
** SUMMARY FOR OFFICE: UT-087													
UT-087 DE	0.34 40-60%		0.00	0.00	0	0	1.41	0.48	0.19	0.29	6080	9280	
UT-087 DM	1.21 70-90%		0.85	1.09	27200	34880	1.41	1.71	1.19	1.54	38080	49280	
UT-087 DA	0.66 70-90%		0.46	0.59	14720	18880	1.41	0.93	0.65	0.84	20800	26880	
UT-087 DO	0.59 60-80%		0.35	0.47	11200	15040	1.41	0.83	0.50	0.67	16000	21440	
UT-087 DI	0.20 60-70%		0.12	0.14	3840	4480	1.41	0.28	0.17	0.20	5440	6400	
** Subtotal **													
	3.00		1.78	2.29	56960	73280		4.23	2.70	3.54	86400	113280	
** SUMMARY FOR OFFICE: UT-900													
UT-900 DE	1.68 40-60%		0.00	0.00	0	0	1.41	2.37	0.95	1.42	30400	45440	
UT-900 DM	13.91 70-90%		9.74	12.52	311680	40640	1.41	19.61	13.73	17.65	439360	564800	
UT-900 DA	8.88 70-90%		6.22	7.99	199040	255680	1.41	12.52	8.76	11.27	280320	360640	
UT-900 DO	5.50 60-80%		3.30	4.40	105600	140800	1.41	7.75	4.65	6.20	148800	198400	
UT-900 DI	2.71 60-70%		1.63	1.90	52160	60800	1.41	3.82	2.29	2.67	73280	85440	
** Subtotal **													
	32.68		20.89	26.81	668480	857920		46.08	30.38	39.21	972160	1254720	

SPREADSHEET C: BENEFITS

STATE: WYOMING

OFFICE AUTO FY85 W/Y Z TIME LOW FY85 W/Y HIGH FY85 W/Y LOW FY85 W/Y TREND FY96 W/Y LOW FY96 W/Y HIGH FY96 W/Y LOW FY96 W/Y HIGH FY96 \$ HIGH FY96 \$
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SUMMARY FOR OFFICE: WY-010

WY-010 DE	1.12 40-60X	0.00	0.00	0	0	1.41	1.58	0.63	0.95	20160	30400
WY-010 DM	5.10 70-90X	3.57	4.59	114240	146880	1.41	7.19	5.03	6.47	160960	207040
WY-010 DA	2.75 70-90X	1.92	2.48	61440	79360	1.41	3.88	2.71	3.49	86720	111680
WY-010 DO	2.43 60-80X	1.46	1.94	46720	62080	1.41	3.43	2.06	2.74	65920	87680
WY-010 DI	0.87 60-70X	0.52	0.61	16640	19520	1.41	1.23	0.74	0.86	23680	27520
## Subtotal ##	12.27	7.47	9.62	239040	307840		17.30	11.17	14.51	357440	444320

SUMMARY FOR OFFICE: WY-011

WY-011 DE	0.25 40-60X	0.00	0.00	0	0	1.41	0.35	0.14	0.21	4480	6720
WY-011 DM	0.68 70-90X	0.48	0.61	15360	19520	1.41	0.96	0.67	0.86	21440	27520
WY-011 DA	1.16 70-90X	0.81	1.04	25920	33280	1.41	1.64	1.14	1.47	36480	47040
WY-011 DO	0.49 60-80X	0.29	0.39	9280	12480	1.41	0.69	0.41	0.55	13120	17600
WY-011 DI	0.08 60-70X	0.05	0.06	1600	1920	1.41	0.11	0.07	0.08	2240	2560
## Subtotal ##	2.66	1.63	2.10	52160	67200		3.75	2.43	3.17	77760	101440

SUMMARY FOR OFFICE: WY-012

WY-012 DE	0.30 40-60X	0.00	0.00	0	0	1.41	0.42	0.17	0.25	5440	8000
WY-012 DM	0.90 70-90X	0.63	0.81	20160	25920	1.41	1.27	0.89	1.14	28480	36480
WY-012 DA	0.48 70-90X	0.34	0.43	10880	13760	1.41	0.68	0.47	0.61	15040	19520
WY-012 DO	0.51 60-80X	0.31	0.41	9920	13120	1.41	0.72	0.43	0.58	13760	18560
WY-012 DI	0.17 60-70X	0.10	0.12	3200	3840	1.41	0.24	0.14	0.17	4480	5440

01/01/80

SPREADSHEET C: BENEFITS

STATE: WYOMING

OFFICE AUTO FY85 W/Y % TIME LOW FY85 W/Y HIGH FY85 W/Y LOW FY85 \$ HIGH FY85 \$ TREND FY86 W/Y LOW FY86 W/Y HIGH FY86 W/Y LOW FY86 \$ HIGH FY86 \$
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Subtotal ## 2.36 1.38 1.77 44160 56640 3.33 2.10 2.75 67200 88000

SUMMARY FOR OFFICE: WV-013

WV-013 DE 0.30 40-60% 0.00 0.00 0.42 1.41 0 0.17 0.25 5440 8000
 WV-013 DM 0.88 70-90% 0.62 0.79 1.24 1.41 25280 0.87 1.12 27840 35840
 WV-013 DA 0.54 70-90% 0.38 0.49 1.2160 1.41 15680 0.53 0.69 16960 22080
 WV-013 DO 0.63 60-80% 0.38 0.50 1.2160 1.41 16000 0.53 0.71 16960 22720
 WV-013 DI 0.18 60-70% 0.11 0.13 3520 1.41 4160 0.15 0.18 4800 5760
 ## Subtotal ## 2.53 1.49 1.91 47680 61120 3.57 2.25 2.95 72000 94400

SUMMARY FOR OFFICE: WV-030

WV-030 DE 1.45 40-60% 0.00 0.00 2.09 1.41 0 0.83 1.25 26560 40000
 WV-030 DM 8.96 70-90% 6.27 8.06 12.63 1.41 257920 8.84 11.37 282880 363840
 WV-030 DA 6.18 70-90% 4.33 5.56 138560 1.41 177920 6.10 7.84 195200 250880
 WV-030 DO 4.13 60-80% 2.48 3.30 105600 1.41 5.82 3.49 4.66 111680 149120
 WV-030 DI 1.90 60-70% 1.14 1.33 36480 1.41 42560 1.61 1.88 51520 60160
 ## Subtotal ## 22.45 14.22 18.25 455040 584000 31.94 20.87 27.00 667840 864000

SUMMARY FOR OFFICE: WV-031

WV-031 DE 0.54 40-60% 0.00 0.00 0.76 1.41 0 0.30 0.46 9600 14720
 WV-031 DM 2.74 70-90% 1.92 2.47 3.86 1.41 79040 2.70 3.48 86400 111360
 WV-031 DA 2.21 70-90% 1.55 1.99 3.12 1.41 63680 2.18 2.80 69760 89600

STATE: WYOMING

OFFICE AUTO CODE	FY85 W/Y CAPABILITY AUTO. FOR OFFICE AUTO.	% TIME CAP. SAVED FOR AUTO.	LOW FY85 W/Y SAVED FOR CAP. AUTO.	HIGH FY85 W/Y SAVED FOR CAP. AUTO.	TREND FACTOR BY OFFICE	FY96 W/Y CAP. SAVED FOR OFFICE AUTO.	LOW FY96 W/Y SAVED FOR CAP. AUTO.	HIGH FY96 W/Y SAVED FOR CAP. AUTO.	\$ HIGH FY96 \$ LOW FY96 \$ HIGH FY96 \$			
WV-031 DO	1.54 60-80%		0.92	1.23	29440	39360	1.41	2.17	1.30	1.74	41600	55680
WV-031 DI	0.56 60-70%		0.34	0.39	10880	12480	1.41	0.79	0.47	0.55	15040	17600
** Subtotal **	7.59		4.73	6.08	151360	194560		10.70	6.95	9.03	222400	288960
** SUMMARY FOR OFFICE: WV-032												
WV-032 DE	0.57 40-60%		0.00	0.00	0	0	1.41	0.80	0.32	0.48	10240	15360
WV-032 DM	1.69 70-90%		1.18	1.52	37760	48640	1.41	2.38	1.67	2.14	53440	68480
WV-032 DA	1.35 70-90%		0.94	1.22	30080	39040	1.41	1.90	1.33	1.71	42560	54720
WV-032 DO	1.14 60-80%		0.68	0.91	21760	29120	1.41	1.61	0.96	1.29	30720	41280
WV-032 DI	0.36 60-70%		0.22	0.25	7040	8000	1.41	0.51	0.30	0.36	9600	11520
** Subtotal **	5.11		3.02	3.90	96640	124800		7.21	4.58	5.98	146560	191360
** SUMMARY FOR OFFICE: WV-033												
WV-033 DE	0.45 40-60%		0.00	0.00	0	0	1.41	0.63	0.25	0.38	8000	12160
WV-033 DM	1.17 70-90%		0.82	1.05	26240	33600	1.41	1.65	1.15	1.48	36800	47360
WV-033 DA	0.68 70-90%		0.48	0.61	15360	19520	1.41	0.96	0.67	0.86	21440	27520
WV-033 DO	0.84 60-80%		0.50	0.67	16000	21440	1.41	1.18	0.71	0.95	22720	30400
WV-033 DI	0.21 60-70%		0.13	0.15	4160	4800	1.41	0.30	0.18	0.21	5760	6720
** Subtotal **	3.35		1.93	2.48	61760	79360		4.72	2.96	3.88	94720	124160
** SUMMARY FOR OFFICE: WV-040												
WV-040 DE	1.33 40-60%		0.00	0.00	0	0	1.41	1.88	0.75	1.13	24000	36160

01/01/80

SPREADSHEET C: BENEFITS

STATE: WYOMING

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. FOR OFFICE	% TIME SAVED FOR CAP. AUTO.	LOW FY85 W/Y SAVED FOR CAP. AUTO.	HIGH FY85 W/Y SAVED FOR CAP. AUTO.	LOW FY85 \$ HIGH SAVED BY CAP. AUTO.	FY85 \$ TREND FACTOR FOR OFFICE	FY96 W/Y CAP. AUTO. FOR OFFICE	LOW FY96 W/Y SAVED FOR CAP. AUTO.	HIGH FY96 W/Y SAVED FOR CAP. AUTO.	LOW FY96 \$ HIGH SAVED BY CAP. AUTO.		
WY-040 DM	7.31	70-90%	5.12	6.58	163840	210560	1.41	10.31	7.21	9.28	230720	296960
WY-040 DA	4.93	70-90%	3.45	4.44	110400	142080	1.41	6.95	4.87	6.26	155840	200320
WY-040 DO	3.30	60-80%	1.98	2.64	63360	84480	1.41	4.65	2.79	3.72	89280	119040
WY-040 DI	1.35	60-70%	0.81	0.94	25920	30080	1.41	1.90	1.14	1.33	36480	42560
## Subtotal ##	18.22		11.36	14.60	363520	467200		25.69	16.76	21.72	536320	695040

SUMMARY FOR OFFICE: WY-041

WY-041 DE	0.30	40-60%	0.00	0.00	0	0	1.41	0.42	0.17	0.25	5440	8000
WY-041 DM	1.04	70-90%	0.73	0.94	23360	30080	1.41	1.47	1.03	1.32	32960	42240
WY-041 DA	0.49	70-90%	0.34	0.44	10880	14080	1.41	0.69	0.48	0.62	15360	19840
WY-041 DO	0.57	60-80%	0.36	0.46	10880	14720	1.41	0.80	0.48	0.64	15360	20480
WY-041 DI	0.20	60-70%	0.12	0.14	3840	4480	1.41	0.28	0.17	0.20	5440	6400
## Subtotal ##	2.60		1.53	1.98	48960	63360		3.67	2.33	3.03	74560	98960

SUMMARY FOR OFFICE: WY-042

WY-042 DE	0.43	40-60%	0.00	0.00	0	0	1.41	0.51	0.24	0.36	7680	11520
WY-042 DM	1.58	70-90%	1.11	1.42	35520	45440	1.41	2.23	1.56	2.01	49920	64320
WY-042 DA	0.92	70-90%	0.64	0.83	20480	26560	1.41	1.30	0.91	1.17	29120	37440
WY-042 DO	1.02	60-80%	0.61	0.82	19520	26240	1.41	1.44	0.86	1.15	27520	36800
WY-042 DI	0.34	60-70%	0.20	0.24	6400	7680	1.41	0.48	0.29	0.34	9280	10880
## Subtotal ##	4.29		2.56	3.31	81920	105920		6.05	3.86	5.03	123520	160960

SPREADSHEET C: BENEFITS

STATE: WYOMING

OFFICE AUTO CODE	FY85 W/Y CAP. AUTO. FOR OFFICE	% TIME SAVED FOR CAP. AUTO.	LOW FY85 W/Y SAVED FOR CAP. AUTO.	HIGH FY85 W/Y SAVED FOR CAP. AUTO.	FY85 \$ HIGH FY85 \$ TREND SAVED BY CAP. AUTO.	FY86 W/Y SAVED FOR OFFICE	LOW FY86 W/Y SAVED FOR CAP. AUTO.	HIGH FY86 W/Y SAVED FOR CAP. AUTO.	LOW FY86 \$ HIGH FY86 \$ SAVED BY CAP. AUTO.
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** Subtotal **	4.83	2.97	3.82	95040	122240	6.81	4.40	5.72	140800	183040
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** SUMMARY FOR OFFICE: WY-062										
WY-062 DE	0.57 40-60%	0.00	0.00	0	0	1.41	0.80	0.32	0.48	15360
WY-062 DM	2.22 70-90%	1.55	2.00	49600	64000	1.41	3.13	2.19	2.82	90240
WY-062 DA	1.82 70-90%	1.27	1.64	40640	52480	1.41	2.57	1.80	2.31	73920
WY-062 DO	1.32 60-80%	0.79	1.06	25280	33920	1.41	1.86	1.12	1.49	47680
WY-062 DI	0.43 60-70%	0.26	0.30	8320	9600	1.41	0.61	0.36	0.42	13440
** Subtotal **	6.36	3.87	5.00	123840	160000	8.97	5.79	7.52	185280	240640

** SUMMARY FOR OFFICE: WY-063										
WY-063 DE	0.27 40-60%	0.00	0.00	0	0	1.41	0.38	0.15	0.23	7360
WY-063 DM	1.38 70-90%	0.97	1.24	31040	39680	1.41	1.95	1.36	1.75	56000
WY-063 DA	1.12 70-90%	0.78	1.01	24960	32320	1.41	1.58	1.11	1.42	45440
WY-063 DO	0.79 60-80%	0.47	0.63	15040	20160	1.41	1.11	0.67	0.89	28480
WY-063 DI	0.24 60-70%	0.14	0.17	4480	5440	1.41	0.34	0.20	0.24	7680
** Subtotal **	3.80	2.36	3.05	75520	97600	5.36	3.49	4.53	111680	144960

** SUMMARY FOR OFFICE: WY-900										
WY-900 DE	3.98 40-60%	0.00	0.00	0	0	1.41	5.61	2.24	3.37	107840
WY-900 DM	13.47 70-90%	9.43	12.12	301760	387840	1.41	18.99	13.29	17.09	546880
WY-900 DA	12.68 70-90%	8.88	11.41	284160	365120	1.41	17.88	12.52	16.09	514880

SPEEDSHEET C: BENEFITS

DENVER SERVICE CENTER

OFFICE AUTO CODE	FY85 M/Y FOR OFFICE AUTO. CAP.	X TIME SAVED FOR OFFICE AUTO. CAP.	LOW FY85 M/Y SAVED FOR AUTO. CAP.	HIGH FY85 M/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ SAVED BY AUTO. CAP.	HIGH FY85 \$ SAVED BY AUTO. CAP.	TREND FACIOR FOR OFFICE FOR OFFICE AUTO. CAP.	FY86 M/Y SAVED FOR OFFICE AUTO. CAP.	LOW FY86 M/Y SAVED FOR AUTO. CAP.	HIGH FY86 M/Y SAVED FOR AUTO. CAP.	LOW FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.
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** Subtotal **

5.10 2.26 2.92 72320 93440 7.19 4.06 5.46 125920 174720

** SUMMARY FOR OFFICE: YA-473 **

YA-473 DE	0.30	40-60X	0.00	0.00	0	0	1.41	0.42	0.17	0.25	5440	6000
YA-473 DM	0.67	70-90X	0.47	0.60	15040	13200	1.41	0.94	0.66	0.85	21120	27200
YA-473 DM	0.47	70-90X	0.33	0.42	10560	13440	1.41	0.66	0.46	0.60	14720	19200
YA-473 DM	0.39	60-80X	0.23	0.31	7360	9920	1.41	0.35	0.33	0.44	10560	14880
YA-473 DI	0.12	60-70X	0.07	0.06	2240	2560	1.41	0.17	0.10	0.12	3200	3840

** Subtotal **

1.90 1.10 1.41 35200 45120 2.75 1.72 2.26 55040 72320

*** Total ***

22.90 10.91 14.11 349120 451200 32.29 18.87 25.13 603840 804160

RECEIVED
F. O. B. BOX 3027
DENVER, CO 80203-0027

SPEARSHEET C: BENEFITS

DENVER SERVICE CENTER

OFFICE AUTO CODE	FY85 M/Y CAPABILITY AUTO. CODE	X TIME CAP. FOR OFFICE AUTO. CAP.	LOW FY85 M/Y SAVED FOR AUTO. CAP.	HIGH FY85 M/Y SAVED FOR AUTO. CAP.	LOW FY85 \$ SAVED BY AUTO. CAP.	HIGH FY85 \$ SAVED BY AUTO. CAP.	TREND FACTOR FOR OFFICE FUR OFFICE AUTO. CAP.	FY86 M/Y CAP. FOR OFFICE AUTO. CAP.	LOW FY86 M/Y SAVED FOR AUTO. CAP.	HIGH FY86 M/Y SAVED FOR AUTO. CAP.	LOW FY86 \$ SAVED BY AUTO. CAP.	HIGH FY86 \$ SAVED BY AUTO. CAP.
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** SUMMARY FOR OFFICE: VA-431

VA-431 DE	1.26	40-60X	0.00	0.00	0	0	1.41	1.76	0.71	1.07	22720	34240
VA-431 DM	2.01	70-90X	1.41	1.81	43120	57920	1.41	2.83	1.98	2.55	63360	81600
VA-431 DA	0.83	70-90X	0.56	0.75	18560	24000	1.41	1.17	0.82	1.05	26240	33600
VA-431 DO	1.20	60-80X	0.72	0.96	23840	30720	1.41	1.69	1.02	1.35	32640	43200
VA-431 DI	0.52	60-70X	0.31	0.36	9920	11520	1.41	0.73	0.44	0.51	14080	16320

** Subtotal **

5.82	3.02	3.88	56640	124160	8.21	4.97	6.53	159040	208560
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** SUMMARY FOR OFFICE: VA-434

VA-434 DE	3.04	40-60X	0.00	0.00	0	0	1.41	4.29	1.71	2.57	54720	82240
VA-434 DM	3.39	70-90X	2.37	3.05	75840	97600	1.41	4.78	3.35	4.30	107200	137600
VA-434 DA	0.09	70-90X	0.06	0.06	1920	2560	1.41	0.13	0.09	0.11	2880	3520
VA-434 DO	3.12	60-80X	1.87	2.50	59840	80000	1.41	4.40	2.64	3.52	84480	112640
VA-434 DI	0.39	60-70X	0.23	0.27	7360	8640	1.41	0.55	0.33	0.38	10560	12160

** Subtotal **

10.03	4.53	5.90	144960	188800	14.14	8.12	10.88	259840	348160
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** SUMMARY FOR OFFICE: VA-436

VA-436 DE	1.56	40-60X	0.00	0.00	0	0	1.41	2.20	0.88	1.32	28160	42240
VA-436 DM	1.16	70-90X	0.81	1.04	23200	33280	1.41	1.64	1.14	1.47	36480	47040
VA-436 DA	0.17	70-90X	0.12	0.15	3840	4800	1.41	0.24	0.17	0.22	5440	7040
VA-436 DO	1.85	60-80X	1.11	1.48	35200	47360	1.41	2.61	1.57	2.09	50240	66880
VA-436 DI	0.36	60-70X	0.22	0.25	7040	8000	1.41	0.51	0.30	0.36	9600	11200